



Allergen 100

Professional Allergen Control for Home and Office

Many air cleaners promise relief to allergy and asthma sufferers. Yet most air cleaners don't have the air cleaning power needed to deliver on that promise.

The IQAir® Allergen 100 puts professional allergen control at your fingertips.

Thanks to the IQAir® Allergen 100's cleanroom grade HyperHEPA® filter performance, the system outperforms most HEPA air cleaners in allergen and particle retention by a ratio of up to 100:1.



Professional Airborne Allergen Control for Home and Office

The IQAir® Allergen 100 is engineered to provide maximum control of small particles, such as cat, dog, bird and house dust mite allergens, as well as viruses, bacteria, spores and pollen. This advanced air cleaner combines high particle filtration efficiency with a high air delivery rate. The result is an allergen reduction rate, which is substantially higher than that achieved by conventional HEPA air cleaners.

Guaranteed HyperHEPA® Performance

Many air cleaners claim to feature HEPA (High-Efficiency Particulate Air) filter technology. Since the terms "HEPA" and "true HEPA" refer only to the type of filter material used, they provide no guarantee as to the overall efficiency of the air cleaner. Because of bad manufacturing processes and insufficient sealing, the filtered air coming out of most HEPA cleaners contains 100 times more particles than the HEPA standard allows. Due to superior design, components and build-quality, the IQAir® Allergen 100 achieves real HEPA performance with a guaranteed efficiency of 99.97% at 0.3 µm. Due to its exceptionally high filtration efficiency, this filter is referred to as HyperHEPA® filter.

Independently EN1822 Type-Tested

The system's HyperHEPA® filter has also been independently type-tested and classified in accordance with the world's most

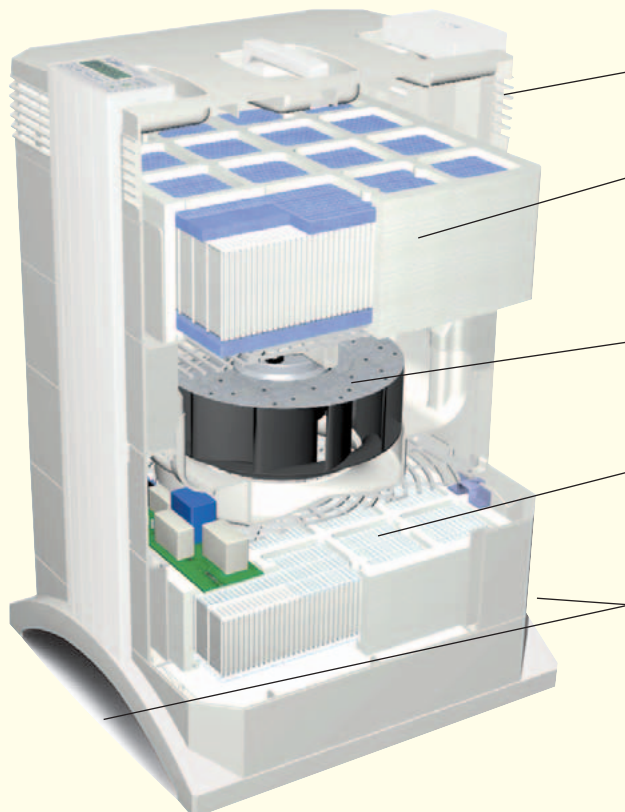
stringent HEPA filter test norm (EN1822). The test showed that the IQAir® Allergen 100 has an absolute minimum efficiency of at least 99.5% even for the smallest airborne particles, such as viruses.

Professional Pre-Filtration

Most HEPA air cleaners feature pre-filters with efficiencies of well below 20%. As a result, HEPA filters, which are designed to remove only small particles, will clog quickly with coarse dust. The IQAir® Allergen 100 features a PreMax™ Pre-filter which removes over 90% of all particulate mass. Consequently, the HyperHEPA® filter will last up to 10 times longer than HEPA filters in conventional air cleaners.

Advanced Controls

In order to control the IQAir® Allergen 100's air cleaning power you may select from five fan speed settings. A two line LCD displays the corresponding air delivery at each speed setting. A sophisticated filter life monitoring system calculates the remaining life of each individual filter. An integrated timer allows the system to be programmed to switch on and off at the desired times on the desired weekdays. The patented IQAir® housing design permits quick and safe replacement of individual filter elements without any tools. For added convenience, each IQAir® system is supplied with a remote control.



Allergen 100: Features

Air Outlet Diffuser

- returns clean, low turbulence, low velocity air
- prevents agitation of settled dust

Cleanroom Grade HyperHEPA® Filter

- up to 99.97% efficiency at ≥ 0.3 microns (class H12/13)
- captures allergens, bacteria, dust and viruses
- tested and classified in accordance with the world's most stringent HEPA filter test norm (EN1822)

High-Performance Centrifugal Fan

- max. air delivery with filters: 380 m³/h
- free-flow capacity: 1200 m³/h
- low energy consumption 28-150 watts

PreMax™ Filter

- fine dust filtration with mini-pleat media
- 65% efficiency at ≥ 0.3 microns (class F8)
- prolongs life of HEPA filter

Dual Air Intake

- maximum distance from air outlet prevents re-intake of already cleaned air (short-cutting)

IQAir® Accessories

Optional accessories such as positive pressure ducting adaptors (OutFlow™) and wall-brackets (VMF™) are available to suit individual needs.