

IQAir – HyperHEPA® Filter Quality and Performance

In view of the growing concern that surrounds the safety and the true efficiency of some air filters and air purifiers, IQAir would like to provide a short overview of its uncompromising stance on the topic of safety and performance:

In a world where most air purifiers do not live up to their exaggerated marketing claims, IQAir takes a very different approach to ensure that its air cleaning systems make a real difference in people's lives. As a worldwide leading manufacturer with over 50 years of experience in the field of indoor air filtration, IQAir has always chosen filtration technologies for its room air purifiers which are highly effective and absolutely safe.

Here is an overview of the exceptional features offered by IQAir, that make the HealthPro models far superior to other devices:

True HEPA

All IQAir HealthPro models feature IQAir's unique HyperHEPA® technology. The filters are made of true HEPA filter media. This hospital-grade filter media effectively removes even the tiniest pollution particles and microorganisms with an absolute minimum efficiency of 99.5%. Once removed, the particles are trapped permanently within the filter.

Naturally Hydrophobic

Due to their hydrophobic properties, IQAir's particle filters are naturally antibacterial and do not support microbial growth.

Free of Toxic Additives

IQAir's filter media is free of harmful antimicrobial additives such as PHMG, CIMT and OIT. Unlike so-called "air-washers" and many humidifiers, IQAir air purifiers do not require any toxic chemicals or liquid additives to disinfect water tanks.

True HEPA Long-Term Reliability

Unlike HEPA-type (fake HEPA) or polypropylene filter media, IQAir's HyperHEPA® filter media does not lose efficiency with use. Polypropylene filters which often rely on ionisation to function, typically lose filtration efficiency with use. The efficiency of polypropylene filters can be as low as 50% after only a few months of use, thus failing to provide effective protection.

100% Ozone-Free Technology

Unlike many air purifiers available today, IQAir does not use any filtration technologies which may produce ozone. Ozone is a well known lung irritant and can cause asthma attacks. World leading health organisations warn against the use of ozone for air cleaning purposes.

Total Quality Control

IQAir designs and manufactures all filter elements in-house at its Swiss manufacturing site. That gives IQAir total quality and technical control over this most essential part of any air purifier. Most other air cleaner brands outsource the manufacture of the filters to 3rd parties.

Type-Tested in Accordance with European Norm

IQAir's HyperHEPA® filters have been independently type-tested in accordance with the world's most stringent HEPA filter test norm (European Norm EN 1822). The results show that IQAir removes even the tiniest pollution particles and microorganisms with a guaranteed minimum filtration efficiency of 99.5%, even at the highest fan speed.

Individually Certified for Real Performance

Each IQAir system is individually tested and certified for *actual* air delivery and *actual* filtration efficiency in real-life conditions. The hand-signed *Certificate of Performance* included with each system provides the ultimate guarantee that the IQAir you receive will perform as advertised.

Filter Replacements at Fixed Periods? — Not Practised Here!

Each IQAir system features an *Intelligent Filter Life Monitor* which takes your particular air quality situation and actual usage into account to calculate each filter's remaining life span. This helps you to get the most out of each filter and save money. This is in stark contrast to products that require you to change filters at fixed 6-month intervals in total disregard of the selected fan speed, actual operation hours and pollution levels.

Filter Availability Guarantee

In a fast-paced world where new air purifiers come and go, IQAir is proud to look back on over 50 years of experience in indoor air filtration. Because IQAir systems are made to last, we offer customers a full 15-year availability guarantee for replacement filters.