

IQAir® HealthPro® 250 – The World's Most Advanced Air Cleaning System

IQAir systems are used by world leading research institutes, hospitals and commercial Institutions to protect against toxic chemicals, microbiological contamination and heavy pollution. The IQAir HealthPro 250 offers the same outstanding technologies for the control of airborne allergens, pathogens, chemicals, particulate pollution (PM2.5 and PM10) and odours in a compact format for use in residential and office environments.



Features Overview

True HEPA Filtration Performance

The IQAir HealthPro 250 features a medical-grade true HEPA filter media (HyperHEPA®) which is manufactured from a micro-glass fiber mesh to achieve a guaranteed filtration efficiency of $\geq 99.97\%$ for particles ≥ 0.3 microns even at the highest fan speed. Unlike synthetic HEPA-type filters, such as "Silent HEPA" filters or "ion air purifiers", IQAir's HyperHEPA filter DOES NOT lose any efficiency with increased usage. As a result IQAir retains 99.97% high-efficiency filtration for pollution particles over the entire life span of the filter, while synthetic HEPA-type filters can lose more than 50% of its starting efficiency during the filter's life span.

V5-Cell Gas & Odour Filter

The IQAir HealthPro 250 features the V5-Cell filter – the most advanced gas and odour filter available in a residential room air purifier. The granular MultiGas™ media consists of a unique blend of activated carbon and impregnated alumina for the removal of a wide spectrum of chemicals typically found in polluted indoor air, incl. hydrocarbons, VOCs, oxides of sulfur, formaldehyde, nitric oxide and ozone.

100% Ozone- & Ion-Free Technology

Unlike other air cleaners, IQAir uses only technologies that produce absolutely no ozone and no ionized/charged particles. Devices such as ozone generators, ionizers and electronic air cleaners can produce charged particles and harmful ozone. Even in relatively low concentrations, ozone damages the immune system, irritates the lung tissues and can worsen medical conditions such as asthma.

Independent Laboratory Proof

Independent tests by RTI *Research Triangle Institute* (who perform air filter testing for the U.S. Department of Defense and U.S. Environmental Protection Agency) documented that the IQAir HealthPro 250 provides an unprecedented total system efficiency in excess of 99.97% for particles from 0.02 microns to 10 microns. The test reports (RTI Report BD02041301 and BX01311301) provide independent proof that the IQAir HealthPro system filters all PM_{2.5}, PM₁₀ and ultra-fine particles with a total system efficiency in excess of 99.97%. (The test reports are available upon request).

Individually Certified for Real Performance

Each IQAir HealthPro 250 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. For the HealthPro 250 model this means a guaranteed filtration efficiency for the entire air cleaner of 99.97% for ALL particulate matter ≥ 0.3 microns.... NEVER LESS!

Unique Proof of Ability to Reduce Infections

In a major research study* published in February 2010 in the *American Journal of Infection Control*, it was shown that IQAir HealthPro systems reduced airborne hospital infection rates by over 50%, thus saving lives and reducing costs.

* The impact of portable high-efficiency particulate air filters on the incidence of invasive aspergillosis in a large acute tertiary-care hospital, Abdul Salam ZH, Karlin RB, Ling ML et al.; *Am J Infect Control* 2010; 38:e1-7.

Ultra-Quiet Design

IQAir's "fan-in-centre" design places the fan motor in between sound attenuating filters. The double-walled housing effectively reduces sound transmission. The result is an air purifier quiet enough for bedrooms and hospital wards.

High-Capacity Filters

The use of extra large filter surfaces (pre-filter: 2.8 m²; HEPA filter: 5.0 m²) and high gas phase media content (2.5 kg) results in ultra-long filter life. This extends IQAir's filter change intervals and saves replacement costs. (Note: Effective pre-filtration is essential in heavily polluted environments, as it prevents the carbon and HEPA filters from becoming clogged pre-maturely. Systems with no separate pre-filter element or with combined Pre- and HEPA-filter in one filter element are unsuitable for heavy pollution as they can become clogged and ineffective after just a few weeks of use without the user noticing it).

Intelligent Filter Life Monitor

IQAir's microchip-controlled filter life monitor takes actual usage, fan speed and programmed pollution levels into account to keep track of the remaining filter life of each individual filter. LEDs on the control panel alert the user when it's time to replace a filter, thus maximising the yield and saving costs.

Exclusively "Swiss Made"

IQAir systems are (without exception) designed, developed and made exclusively in Switzerland by a highly skilled workforce using only high-quality components and uncompromising quality control and environmental standards.

High-Performance Fan „Made in Germany“

The HealthPro 250 model features the most powerful fan ever used in a residential room air purifier. That power translates into even better air cleaning results. The new three-dimensionally optimized design now uses state-of-the-art aerodynamics to convert energy into more air and less noise. Because each fan is individually balanced and uses steel ball bearings, it outlasts other fans by years. The IQAir New Edition fan is suspended in a housing unit that isolates the fan from the housing with eight shock absorbers to further reduce noise.

6 Fan Speeds & Advanced Timer

A choice of 6 fan speeds and the advanced timer allow the user to program the IQAir to suit the user's individual needs and thus save costs. For example, the system can be programmed to run from Monday to Friday during office hours only, saving electricity and filter capacity when the air cleaner is not needed.

Patented Modular Housing & Filter Design

IQAir's patented design features enable fast and comfortable filter replacement without the need for any tools.

Remote Control

A sleek remote control makes it easy to manage the HealthPro 250 air purifier from almost anywhere in the room. You can set the fan speed and even timer controls without getting up.

Mobility Casters (wheels)

Sturdy casters are supplied as standard with each IQAir HealthPro 250 to allow the system to be moved effortlessly from room to room.

3D UltraSeal™

The efficiency stated for most HEPA air cleaners is purely theoretical. In fact, the mere use of a true HEPA filter media does rarely result in a 99.97% filtration efficiency for particulates ≥ 0.3 microns because leakage around the filters drastically reduces the actual efficiency of most air cleaners. IQAir systems feature patented triple sealing technology. First, a unique manufacturing process ensures that the filter media is 100 percent sealed in the filter frame. Second, IQAir's patented 3D UltraSeal™ ensures perfect knife-edge-in-groove sealing between filter frame and housing. Third, individual seals on each housing module ensure an airtight housing. As a result, IQAir systems have a total system efficiency in excess of 99.97%.

Award-Winning Performance

Over the past 15 years, **IQAir HealthPro 250** has received more No. 1 product awards and reviews than any other air purifier:

- Consumer Digest „Best Buy“ Award, Winner **2004, 2007, 2011, 2014**
- PTPA (Parent Tested Parent Approved) Award, Winner **2010, 2013**
- Reviewboard Magazine's „Best Buy“ Award **2005, 2013**
- ConsumerSearch „Best Air Purifier Overall“ Award **2011**
- Reviewboard Magazine's „Editor's Choice“ Award **2004, 2005**
- German Stiftung Warentest „Test Winner“, **1998**

General Specifications	
Power requirements	220-240 V, 50/60 Hz
Energy consumption *	1: 20, 2: 36, 3: 54, 4: 74, 5: 105, 6: 135 Watt; Standby: <1 Watt
Dimensions (without / with packaging)	H 71 x W 38 x D 41 cm / carton: H 84 x W 43 x D 45 cm
Weight (without / with packaging)	16 kg / 20 kg
Air delivery (incl. filters) *	1: 50, 2: 100, 3: 170, 4: 240, 5: 310, 6: 440 m³/h
Sound pressure/power level **	L _{PA} 1: 22, 2: 33, 3: 41, 4: 47, 5: 52, 6: 57 dB(A); L _{WA} 1: 32, 2: 43, 3: 51, 4: 57, 5: 62, 6: 67 dB(A)
Fan motor	centrifugal, backward curved, with thermal protector, non-stop use approved
Control panel	4-key touch-pad with 16 character 2-line LCD display
Air intake	dual arches at base of unit
Air outlet	320° EvenFlow™ diffuser
Colour of main housing / locking arms	light grey / white
Housing material	non-offgasing, impact-resistant, UV-stabilized ABS
Performance	
Total system efficiency (certified)	≥ 99.97% for particles ≥ 0.3 µm (individually tested at highest fan speed)
Air delivery (certified)	yes (individually tested with all filters fitted)
Leak tested	yes
EN1822 classification	HEPA class H13 (MPPS efficiency: ≥ 99.95% @ 0.22 µm at airflow rate ≤ 190 m³/h) HEPA class H12 (MPPS efficiency: ≥ 99.50% @ 0.16 µm at airflow rate ≤ 475 m³/h)
Filter Configuration	
Pre-filter	PreMax™ Filter F8 (S) Purpose: control of coarse and fine particulate matter; protection of subsequent filters Media: non-woven glass microfiber, mini-pleated for high-capacity Efficiency: ≥ 55% at ≥ 0.3 µm (class F8) Surface area: 2.8 m²
Gas & odour filter	V5-Cell™ Filter MG Purpose: control of a wide range of chemical contaminants and odours Media: MultiGas™ granulated activated carbon & impregnated activated alumina (AC/4 + IA/4) Weight: 2.5 kg
HEPA-filter	HyperHEPA® Filter H12/13 (L) Purpose: control of fine & ultra-fine particulate matter Media: non-woven glass microfiber, hospital-grade HyperHEPA® filter Efficiency: ≥ 99.97% at ≥ 0.3 µm (class H12/13) Surface area: 5.0 m²
Features	
Display languages	4 user-selectable languages: English, French, German, Italian (or Spanish)
Fan speed settings	6
Intelligent filter life monitor	yes (monitors actual usage of each individual filter)
Filter life status LEDs	3
Advanced timer	yes (allows programming of operating hours and weekdays)
Advanced fan speed selection	yes (allows programming of different fan speeds for 2 different time periods)
Adjustable filter load indices	3 (large dust, chemicals and fine dust)
Supplied accessories	remote control (incl. battery), power cord with plug, casters, certificate of performance
Optional accessories	VMF wall-mount bracket, PF40 coarse dust pre-filter, InFlow , VM InFlow & OutFlow duct connections, FlexVac & VM FlexVac mobile & wall-mounted source capture kits.
Electrical safety certification	IEC/IECEE (CB-Scheme), CE, SEV, KTL, GOST-R

* per fan speed measured at 230V, 50Hz; tolerance ± 10% (± 10 m³/h); ** tolerance: ± 2 dB(A); All technical specifications are subject to change without prior notice.