

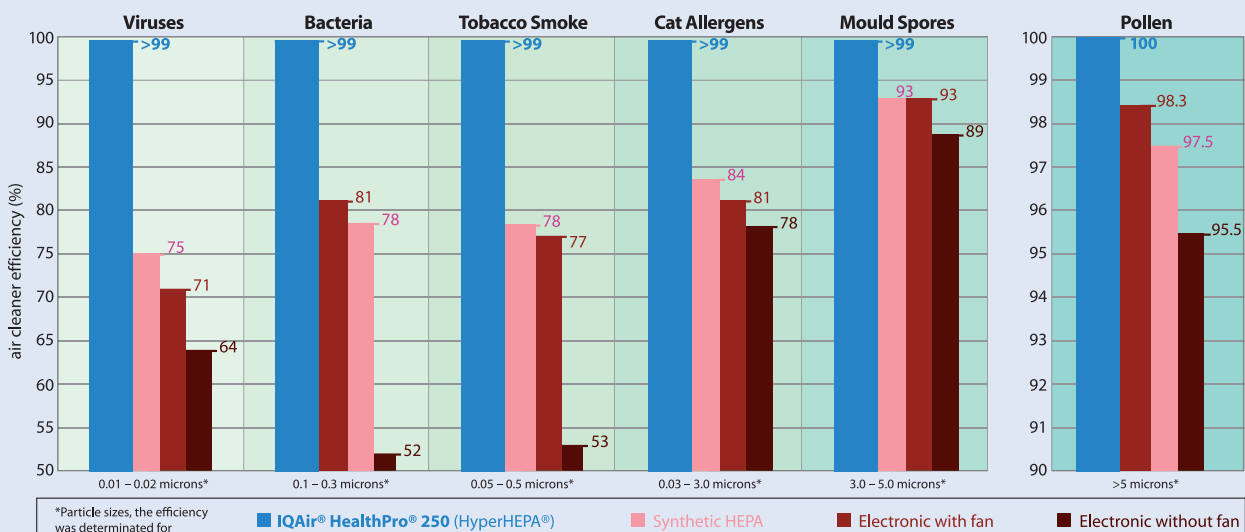
Advanced Multi-Stage Filtration

Each IQAir® model features a patented modular housing which allows the system to be equipped with the most effective filtration technologies for specific air quality needs. Only the most efficient and reliable filter media are selected by IQAir® to guarantee powerful and reliable long-term performance even for the most demanding and critical applications.

<p>Total system efficiency: ≥99.5% for particles ≥0.003µm</p> <p>HyperHEPA® Filter: Hospital-grade HEPA filter (class H12/13) for the control of ultra-fine particles, allergens, bacteria, viruses, mould spores. Surface area: 5 m²</p> <p>PreMax™ Filter: High-capacity pre-filter (class F8) for the control of coarse and fine dust particles. Surface area: 2.8 m²</p>	<h2>Allergen™ 100</h2> 	<h2>HealthPro® 150</h2> 	<p>Total system efficiency: ≥99.5% for particles ≥0.003µm</p> <p>HyperHEPA® Filter: Hospital-grade HEPA filter (class H12/13) for the control of ultra-fine particles, allergens, bacteria, viruses, mould spores. Surface area: 5 m²</p> <p>PreMax™ MG Filter: Combination Pre- and Gas filter. Pre-filter (class F8) for the control of coarse and fine dust particles. Surface area: 1.9 m². Wide-spectrum MultiGas™ granular media mix for the control of a broad range of chemical pollutants and odours. Content: 1 kg</p>
<p>Total system efficiency: ≥99.5% for particles ≥0.003µm</p> <p>HyperHEPA® Filter: Hospital-grade HEPA filter (class H12/13) for the control of ultra-fine particles, allergens, bacteria, viruses, mould spores. Surface area: 5 m²</p> <p>V5-Cell™ MG Filter: Wide-spectrum MultiGas™ granular media mix for the control of a broad range of chemical pollutants and odours. Content: 2.5 kg</p> <p>PreMax™ Filter: High-capacity pre-filter for (class F8) the control of coarse and fine dust particles. Surface area: 2.8 m²</p>	<h2>HealthPro® 250</h2> 	<h2>GC MultiGas™</h2> 	<p>Total system efficiency: ≥ 99% for particles ≥ 0.3µm</p> <p>GC Post-Filter Sleeves: 4 electrostatically charged fibre filters for the removal of fine dust. Surface area: 0.5 m²</p> <p>GC MultiGas™ Cartridge Filter: 4 Cartridges with wide-spectrum media mix (activated carbon & impregnated alumina) for the filtration of a broad range of chemicals and odours. Content: 5.4 kg</p> <p>GC HEPA Pre-Filter: High-efficiency HEPA filter (class H11) for the control of coarse, fine and ultrafine dust particles, allergens and microorganisms. Surface area: 2.8 m²</p>

IQAir's HyperHEPA® Technology

The accredited test laboratory Interbasic Resources, Inc. purchased a number of room air cleaners on the open market and tested them for their filtration efficiency. Only the IQAir® HealthPro 250 was able to trap over 99% of virtually all types of pollution particles. Since the IQAir® Allergen 100 and HealthPro 150 models feature identical particle filters to the HealthPro 250, the same results can also be expected of these models. The below graphs are based on independent laboratory tests which determined the HyperHEPA® filter's removal efficiency for various particle size ranges.



TECHNICAL INFORMATION

Model	Allergen 100	HealthPro 150	HealthPro 250	GC MultiGas
Air delivery per fan speed in m ³ /h	40 70 110 150 240 380	40 80 140 190 240 350	40 80 150 200 240 380	40 85 150 210 260 360
Weight incl. filters (approx.)	12 kg	14 kg	16 kg	20 kg
Power requirements [consumption]	220 – 240 V / 50 – 60 Hz [20 – 160 W]			
Sound pressure / sound power	L _{PA} = 22 – 59 dBA / L _{WA} = 30 – 70 dBA (tolerance: ± 2 dBA)			
Dimensions (H x W x D)	61 x 38 x 41 cm		71 x 38 x 41 cm	
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		light grey / light blue	
Housing material	non-offgasing, impact-resistant, UV-stabilized ABS			

Efficiency

Total system efficiency (certified)	≥ 99.97% for particles ≥ 0.3 micron (µm)	≥ 99% @ ≥ 0.3 µm
Air delivery (certified)	yes	
Leak tested	yes	

Filter Configuration

Pre-filter / Pre & gas filter (HealthPro 150)	Type: PreMax™ large capacity pre-filter Media: wet laid non-woven glass microfiber, mini-pleated; efficiency 55% at 0.3 µm (class F8) Surface area: 2.8 m ²	Type: PreMax™ MG combined pre-, gas- and odour filter Pre-filter media: wet laid non-woven glass microfiber, mini-pleated, efficiency 55% at 0.3 µm (class F8) Surface area: 1.9 m ²	Type: PreMax™ large capacity pre-filter Media: wet laid non-woven glass microfiber, mini-pleated, efficiency 55% at 0.3 µm (class F8) Surface area: 2.8 m ²	Type: high-efficiency HEPA fine dust pre-filter Media: HEPA class H11, mini-pleated with solvent-free separators Surface area: 2.8 m ²
Gas & odour filter		Gas- & odour filter media: MultiGas™ granular activated carbon & KMnO ₄ impregnated alumina (1 kg)	Type: V5-Cell™ wide-spectrum gas and odour filter Media: MultiGas™ granular activated carbon & KMnO ₄ impregnated alumina (2.5 kg)	Type: 4 gas & odour control filter cartridges (GC-technology) Media: MultiGas™ granular activated carbon & KMnO ₄ impregnated alumina (5.4 kg)
HEPA-filter / Post-filter (GC MultiGas)	Type: HyperHEPA® clean-room-grade high-efficiency particulate arresting filter Media: HEPA class H12/H13, wet laid glass microfiber, mini-pleated with solvent-free separators Surface area: 5 m ²	Type: HyperHEPA® clean-room-grade high-efficiency particulate arresting filter Media: HEPA class H12/H13, wet laid glass microfiber, mini-pleated with solvent-free separators Surface area: 5 m ²	Type: HyperHEPA® clean-room-grade high-efficiency particulate arresting filter Media: HEPA class H12/H13, wet laid glass microfiber, mini-pleated with solvent-free separators Surface area: 5 m ²	Type: 4 GC post-filter sleeves Media: electrostatically charged fiber Surface area: 0.5 m ²

Features

Multiple display languages	English, French, German, Italian (user-selectable)			
Suitable for rooms up to	75 m ²	65 m ²	75 m ²	70 m ²
Fan speed settings	6			
Intelligent filter life monitor	Monitors filter life of each individual filter			
Filter life status LEDs	2	2	3	3
Advanced timer	Allows programming of operating hours and weekdays			
Advanced fan speed selection	Allows programming of different fan speeds for 2 different time periods (e.g. day time / night time speed)			
Adjustable filter load indices	2 (large dust, fine dust)	3 (large dust, chemicals, fine dust)	3 (large dust, chemicals, fine dust)	3 (large dust, chemicals, fine dust)
Supplied accessories	Remote control (incl. battery), set of casters (GC MultiGas™: deluxe casters), power cord, certificate of performance			
Electrical safety approved and certified	IEC/IECEE (CB-Scheme), CE, SEV, CCA, KTL, PCBC, ECU (depending on electrical requirements)			

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First in Air Quality

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