

# Technical Specifications: IQAir® HealthPro® 250

NE

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 m <sup>3</sup> /h
Sound pressure (at 1 m distance)	L <sub>p</sub> 1: 22, 2: 31, 3: 39, 4: 44, 5: 50, 6: 56 dB(A); tolerance ± 2 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 off-gassing, 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
Type-tested acc. to EN 1822-5: 2009	HEPA class H13 (MPPS efficiency: ≥ 99.95% @ 0.124 µm at airflow rate ≤ 560 m <sup>3</sup> /h)
Filter Configuration	
Pre-filter	<b>PreMax™ Filter (S)</b> 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: approx. 2.8 m <sup>2</sup>
Gas & odour filter	<b>V5-Cell™ MultiGas™ Filter</b> Purpose: control of a wide range of chemical contaminants and odours Media: MultiGas™ granulated activated carbon & impregnated activated alumina (AC/4 + IA/4) Weight: approx. 2.5 kg
HEPA-filter	<b>HyperHEPA® Filter (L)</b> Purpose: control of fine & ultra-fine particulate matter Media: non-woven glass microfiber, hospital-grade HyperHEPA® filter Efficiency: ≥ 99.97% at ≥ 0.3 µm; MPPS-Efficiency: ≥ 99.95% (H13) Surface area: approx. 5.0 m <sup>2</sup>
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, casters, certificate of performance
Optional accessories	<b>VMF</b> wall-mount bracket, <b>PF40</b> coarse dust pre-filter, <b>InFlow</b> , <b>VM InFlow</b> & <b>OutFlow</b> duct connections, <b>FlexVac</b> & <b>VM FlexVac</b> mobile & wall-mounted source capture kits.
Electrical safety certification	IEC/IECEE (CB-Scheme), CE, KC, EAC

\* per fan speed measured at 230V, 50Hz; tolerance ± 10% (± 10 m<sup>3</sup>/h); All technical specifications are subject to change without prior notice.