

Technical Specifications: IQAir® HealthPro® 100

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 61 x W 38 x D 41 cm / carton: H 74 x W 43 x D 45 cm
Weight (without / with packaging)	12 kg / 16 kg
Air delivery (incl. filters) *	1: 50, 2: 100, 3: 170, 4: 240, 5: 330, 6: 470 m ³ /h
Sound pressure **	L _p 1: 22, 2: 31, 3: 39, 4: 44, 5: 50, 6: 56 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 ³ /h)
Filter Configuration	
Pre-filter	<p>PreMax™ Filter</p> <p>Purpose: control of coarse and fine particulate matter; protection of subsequent filters</p> <p>Media: non-woven glass microfiber, mini-pleated for high-capacity</p> <p>Efficiency: ≥ 55% at ≥ 0.3 µm (class F8)</p> <p>Surface area: approx. 2.8 m²</p>
HEPA-filter	<p>HyperHEPA® Filter</p> <p>Purpose: control of fine & ultra-fine particulate matter</p> <p>Media: non-woven glass microfiber, hospital-grade HyperHEPA® filter</p> <p>Efficiency: ≥ 99.97% at ≥ 0.3 µm; MPPS-Efficiency: ≥ 99.95% (H13)</p> <p>Surface area: approx. 5.0 m²</p>
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	2
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	2 (large dust 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, KC, EAC

* 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.