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 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.