Technical Specifications: IQAir® HealthPro® 250

reclinical specifications	NIQAII REUNIIFIO 250 NI
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)	\geq 99.97% for particles \geq 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: \geq 99.95% @ 0.22 μ m at airflow rate \leq 190 m ³ /h)
	HEPA class H12 (MPPS efficiency: \geq 99.50% @ 0.16 µm at airflow rate \leq 475 m ³ /h)
Filter Configuration	$\frac{1}{100} \frac{1}{100} \frac{1}$
The computation	PreMax™ Filter F8 (S)
Pre-filter	
	Purpose: control of coarse and fine particulate matter; protection of subsequent filters
	Media: non-woven glass microfiber, mini-pleated for high-capacity
	Efficiency: \geq 55% at \geq 0.3 µm (class F8)
	Surface area: 2.8 m ² V5-Cell™ Filter MG
Gas & odour filter	
	Purpose: control of a wide range of chemical contaminants and odours Modia: MultiCas TM grapulated activated carbon & imprograpted activated alumina ($AC(4 + A/4)$)
	Media: MultiGas [™] granulated activated carbon & impregnated activated alumina (AC/4 + IA/4)
	Weight: 2.5 kg HyperHEPA® Filter H12/13 (L)
HEPA-filter	Purpose: control of fine & ultra-fine particulate matter
	Media: non-woven glass microfiber, hospital-grade HyperHEPA [®] filter Efficiency: \ge 99.97% at \ge 0.3 µm (class H12/13)
	Surface area: 5.0 m ²
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.