





The IQAir® Cleanroom Series – Model Comparison

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		Cleanroom 100	Cleanroom 250 MG	Cleanroom H13	
					
Filtration Spectrum & Efficiency	Allergens (pollen, mould spores, etc.)	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓	
	Odours***	✓	✓✓✓✓	✓	
	Fine Dust and Particulate Matter	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓	
	Gaseous substances***	✓	✓✓✓✓	✓	
	Bacteria	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓	
	Viruses	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓	
	Total System Efficiency for Particles	≥99.97% @ ≥0.3 µm (certified)			
	MPPS [*] -Efficiency (according to EN 1822)	≥99.95% at fan speeds up to 190 m ³ /h; ≥99.50% at fan speeds up to 475 m ³ /h			
Filter Stages	Pre-filter	Type/Description	CR PreMax™ Filter F8 (S) A Antimicrobial pre-filter (class F8) for the control of coarse and fine particulate matter	CR PreMax™ Filter F8 (XL) A High-capacity, antimicrobial pre-filter (class F8) for the control of coarse and fine particulate matter	
		approx. Filter Life †	9-15 months	21-27 months	
		Surface area	2.8 m ²	7.0 m ²	
	Gas- & Odour filter	Type/Description	n/a	V5-Cell™ Filter MG Wide-spectrum MultiGas™ granular media mix for the control of a broad range of chemical pollutants and odours***	n/a
		approx. Filter Life †		15-21 months	
		Weight		2.5 kg	
	Particle Filter	Type/Description	CR HyperHEPA® Filter H13 (L) A High-capacity, antimicrobial, hospital-grade HEPA filter (class H13) for the control of fine & ultra-fine particulate matter and microorganisms (incl. fungal spores, bacteria and viruses)	CR HyperHEPA® Filter H13 (XL) A High-capacity, antimicrobial, hospital-grade HEPA filter (class H13) for the control of fine & ultra-fine particulate matter and microorganisms (incl. fungal spores, bacteria and viruses)	
		approx. Filter Life †	30-42 months	36-48 months	
		Surface area	5.5 m ²	7.5 m ²	
Technical Specifications	Air Delivery per level (m ³ /h)**	1: 60, 2: 100, 3: 170, 4: 260, 5: 350, 6: 500 m ³ /h	1: 55, 2: 100, 3: 170, 4: 250, 5: 320, 6: 450 m ³ /h	1: 65, 2: 120, 3: 190, 4: 270, 5: 370, 6: 530 m ³ /h	
	Sound Pressure / Power Level per level**	L _w : 1: 22, 2: 33, 3: 41, 4: 47, 5: 52, 6: 57 dB(A); L _p : 1: 32, 2: 43, 3: 51, 4: 57, 5: 62, 6: 67 dB(A)			
	Dimensions	61 x 41 x 38 cm	71 x 41 x 38 cm	82 x 41 x 38 cm	
	Weight (incl. Filter)	approx. 12 kg	approx. 16 kg	approx. 21 kg	
Features & Accessories	Standard Equipment	Intelligent filter life monitor ● Filter replacement LED ● Advanced timer ● 6 fan speeds ● 4 display languages ● 4-key touch-pad with 2-line LCD display ● Anti-tampering arm lock ● Anti-tampering power cord lock ● High-performance centrifugal backward curved fan ● Individually tested & certified HyperHEPA® replacement filters ● Remote control (incl. battery) ● Power cord ● Certificate of performance			
	Optional Accessories	VMF (wall-mount bracket) ● PF40 (coarse dust pre-filter) ● InFlow, VM InFlow & OutFlow (positive/negative pressure duct connections) ● FlexVac & VM FlexVac (mobile & wall-mounted source capture kits) ● SMC (side-mounted control panel) ● Mobility S6 / Mobility Deluxe casters		n/a	
	Origin / Guarantee	Made in Switzerland / 2 years (without filters)			

* Most Penetrating Particle Size; ** measured at 230V, 50Hz; tolerance ±10% (± 10 m³/h); *** see IQAir Media Selection Chart for Gaseous Contaminant control; for replacement filters there is a choice of 5 media types available: MultiGas™, VOC, ChemiSorber, AM, Hg

† The filter life estimate is based on the following assumptions: Average usage (12 hours/day), average fan speed (3) and average pollution concentrations. Actual filter life will depend on actual usage conditions.

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