

Technical Specifications: IQAir® Cleanroom H13

Specifications	
Air delivery per fan speed*	40 cfm 70 cfm 120 cfm 160 cfm 180 cfm 280 cfm
Dimensions (H x W x D)	32" x 15" x 16"
Weight (incl. filters)	40 lbs. (18 kg)
Power requirements	120 Volt / 60 Hz
Maximum energy consumption	195 w
Fan motor	700 cfm, 2750 rpm, centrifugal, backward curved, UL/CSA registered
Control panel	4-key touch-pad with 32 character LCD display
Air intake	dual arches at base of unit
Air outlet	320° EvenFlow™ diffuser
Color of main housing / locking arms	light grey / green
Housing material	non-offgasing, impact-resistant, UV-stabilized ABS

Performance	
Performance certification	every system is factory certified and issued with individual Certificate of Performance
Certified filtration efficiency	greater than 99.97% for particles ≥ 0.3 microns (μm)
Certified air delivery	+/- 10% (+10 cfm) of specified air delivery
Leak tested	yes

Filter Configuration	
Pre-filter	<p>Type: PreMax™ antimicrobial high-accumulation, high-capacity particulate pre-filter</p> <p>Purpose: control of coarse and fine dust particles and mold spores; protection of subsequent filter</p> <p>Media type: ASHRAE class F8 (55% efficient at 0.3 μm); micro-pleat with solvent-free separators</p> <p>Surface area: 60 sq.ft. / antimicrobial media</p> <p>Average Filter Life: 6 – 18 months (based on 10 hours usage per day on speed setting 3)</p>
HEPA filter	<p>Type: HyperHEPA®; antimicrobial hospital grade high-efficiency particulate arresting filter</p> <p>Purpose: control of very fine particles such as allergens, bacteria and viruses</p> <p>Media type: EN1822 HEPA class H13; mini-pleat with solvent-free separators</p> <p>Surface area: 60 sq.ft. / antimicrobial media</p> <p>Average Filter Life: 2 – 4 years (based on 10 hours usage per day on speed setting 3)</p>

Features	
Display languages	English (default), French, German, Spanish
User selectable fan speed settings	6
Intelligent filter life monitor	yes
Filter life status LED	yes
Programmable timer (hourly/daily), 2 Speeds	yes
Timer status LED	yes
Countdown timer	yes
Adjustable filter load index	yes
Advanced anti-tampering	yes (to prevent unauthorized opening or disconnection)

Accessories	
Standard	remote control (battery included)
Optional	wall mount bracket, positive/negative pressure ducting, coarse dust pre-filter, mobility pro for easy portability

Warranty	
Warranty period	1 year on parts and labor (excluding filters)