

Technical Specifications: IQAir® GC Series

Specifications	
Air delivery per fan speed (at 230V/50Hz)*	1: 40 m³/h 2: 85 m³/h 3: 150 m³/h 4: 210 m³/h 5: 260 m³/h 6: 360 m³/h
Weight (incl. filters)	MultiGas™: ca. 20 kg VOC: ca. 19 kg ChemiSorber™: ca. 22 kg AM: ca. 20 kg
Power requirements	220 – 240 V / 50 – 60 Hz
Energy consumption	ca. 20 – 160 W
Dimensions (HxWxD)	71 x 38 x 41 cm
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 / light blue
Housing material	non-offgasing, impact-resistant, UV-stabilized ABS

Performance	
Total system efficiency (certified)	≥ 99 % for particles ≥ 0.3 micron (µm)
Air delivery (certified)	yes
Leak tested	yes

Filter Configuration	
Pre-filter	<p>Type: high-efficiency HEPA fine dust pre-filter</p> <p>Purpose: control of coarse and fine dust particles; protection of subsequent filters</p> <p>Media type: HEPA class H11; mini-pleat with solvent-free separators</p> <p>Surface area: 2.8 m²</p>
Gas & odour filter	<p>Type: 4 gas & odour control filter cartridges (GC-technology)</p> <p>Purpose: filtration of various gaseous and chemical substances</p> <p>Media type:</p> <ul style="list-style-type: none"> MultiGas™: ca. 5.4 kg granular activated carbon & impregnated alumina VOC: ca. 4.2 kg granular activated carbon ChemiSorber: ca. 7.8 kg granular impregnated alumina (with KMnO₄ impregnated) AM: ca. 5.4 kg granular impregnated activated carbon
Fibre sleeves	<p>Type: 4 post-filter sleeves</p> <p>Purpose: fine dust post-filtration</p> <p>Media type: electrostatically charged fiber</p> <p>Surface area: ca. 0.5 m²</p>

Features	
Multiple display languages	English, French, German, Italian (user-selectable)
User selectable fan speed settings	6
Intelligent filter life monitor	yes (monitors filter life 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)
Supplied accessories	remote control (inc. battery), set of casters, power cable
Certification and Approval	IEC/IECEE (CB-Scheme), CE, SEV, KTL, PCBC, ECU (depending on required electrical conformity)

All technical specifications are subject to change without prior notice.

* tolerance ± 10% (± 10 m³/h)