


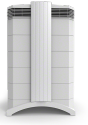

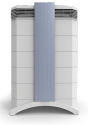




IQAir Model Comparison		HealthPro 100		HealthPro 250		GC MultiGas		Atem X
	Version	NE	XE	NE	XE	NE	XE	
								
Colour, Dimensions & Weight								
Housing colour	light grey	white	white	light grey	white	light grey	white	white
Locking Arm colour		white	white		white	blue	white	-
Metal stand colour		-	-		-	-	-	dark grey metallic
Height / Width / Depth , Weight		61 / 38 / 41 cm , 12 kg		71 / 38 / 41 cm , 16 kg		71 / 38 / 41 cm , 20 kg		69 / 64 / 25 cm , 13 kg
Filtration								
Individually tested & certified		yes	yes	yes	yes	yes	yes	yes
Particles		removes all types of particulate matter, incl. PM2.5, ultrafine particles, bacteria, viruses, soot, smoke particles and microplastics	removes all types of particulate matter, incl. PM2.5, ultrafine particles, bacteria, viruses, soot, smoke particles and microplastics	removes all types of particulate matter, incl. PM2.5, ultrafine particles, bacteria, viruses, soot, smoke particles and microplastics	removes all types of particulate matter, incl. PM2.5, ultrafine particles, bacteria, viruses, soot, smoke particles and microplastics	removes all types of particulate matter, incl. PM2.5, ultrafine particles, bacteria, viruses, soot, smoke particles and microplastics	removes all types of particulate matter, incl. PM2.5, ultrafine particles, bacteria, viruses, soot, smoke particles and microplastics	removes all types of particulate matter, incl. PM2.5, ultrafine particles, bacteria, viruses, soot, smoke particles and microplastics
Gases		no active gas-phase filtration, but removes particle-bound gases	removes wide range of chemicals & odours, incl. NO ₂ , SO ₂ , O ₃ , TVOC, formaldehyde	removes wide range of chemicals & odours, incl. NO ₂ , SO ₂ , O ₃ , TVOC, formaldehyde	removes wide range of chemicals & odours, incl. NO ₂ , SO ₂ , O ₃ , TVOC, formaldehyde	removes wide range of chemicals & odours, incl. NO ₂ , SO ₂ , O ₃ , TVOC, formaldehyde	removes wide range of chemicals & odours, incl. NO ₂ , SO ₂ , O ₃ , TVOC, formaldehyde	no active gas-phase filtration, but removes particle-bound gases
Efficiency @ ≥ 0.3 microns		≥ 99.97 %	≥ 99.97 %	≥ 99.97 %	≥ 99.97 %	≥ 99 %	≥ 99 %	≥ 99.5 %
Filter 1		PreMax F8 (S) Filter	PreMax F8 (S) Filter	PreMax F8 (S) Filter	PreMax F8 (S) Filter	GC HEPA H11 (S) Filter	GC HEPA H11 (S) Filter	Triple Impaktor-Technology (pre-filtration of coarse dust by washable and reusable Impaktor collection blades)
Filter 2		-	V5-Cell™ MultiGas™ Gas & Odour Filter (media content: 2.5 kg)	V5-Cell™ MultiGas™ Gas & Odour Filter (media content: 2.5 kg)	V5-Cell™ MultiGas™ Gas & Odour Filter (media content: 2.5 kg)	GC MultiGas Cartridge Filter Set (media content: 5.4 kg)	GC MultiGas Cartridge Filter Set (media content: 5.4 kg)	(optional Atem X CF model with ColdFire catalyst filter is available for targeted formaldehyde control)
Filter 3		HyperHEPA H12/13 (L) Filter	HyperHEPA H12/13 (L) Filter	HyperHEPA H12/13 (L) Filter	HyperHEPA H12/13 (L) Filter	GC Post-Filter Sleeve Set	GC Post-Filter Sleeve Set	HyperHEPA HF Filter (Set of 3)
Airflow & Clean Air Delivery Rate (CADR)								
Speed 1		50 m³/h	50 m³/h	50 m³/h	50 m³/h	50 m³/h	50 m³/h	100 m³/h
Speed 2		100 m³/h	100 m³/h	100 m³/h	100 m³/h	90 m³/h	90 m³/h	150 m³/h
Speed 3		170 m³/h	170 m³/h	170 m³/h	170 m³/h	150 m³/h	150 m³/h	200 m³/h
Speed 4		240 m³/h	240 m³/h	240 m³/h	240 m³/h	220 m³/h	220 m³/h	300 m³/h
Speed 5		330 m³/h	330 m³/h	310 m³/h	310 m³/h	280 m³/h	280 m³/h	400 m³/h
Speed 6		470 m³/h	470 m³/h	440 m³/h	440 m³/h	400 m³/h	400 m³/h	500 m³/h
Speed 7		-	-	-	-	-	-	650 m³/h
Speed 8		-	-	-	-	-	-	750 m³/h
Clean Air Delivery Rate - particulates		> 500 m³/h	> 460 m³/h	> 460 m³/h	> 460 m³/h	> 470 m³/h	> 470 m³/h	> 982 m³/h (649 m³/h: CF model)
CADR - formaldehyde		-	> 160 m³/h	> 160 m³/h	> 160 m³/h	> 360 m³/h	> 360 m³/h	(298 m³/h: CF model)
CADR - TVOC		-	> 80 m³/h	> 80 m³/h	> 80 m³/h	> 250 m³/h	> 250 m³/h	-
CADR - benzene		-	> 100 m³/h	> 100 m³/h	> 100 m³/h	> 300 m³/h	> 300 m³/h	-
Room Coverage & Sound Pressure *								
Speed 1		10 m² @ 22 dB(A)	10 m² @ 22 dB(A)	10 m² @ 22 dB(A)	10 m² @ 22 dB(A)	10 m² @ 22 dB(A)	10 m² @ 22 dB(A)	20 m² @ 15 dB(A)
Speed 2		20 m² @ 31 dB(A)	20 m² @ 31 dB(A)	20 m² @ 31 dB(A)	20 m² @ 31 dB(A)	18 m² @ 31 dB(A)	18 m² @ 31 dB(A)	30 m² @ 18 dB(A)
Speed 3		34 m² @ 39 dB(A)	34 m² @ 39 dB(A)	34 m² @ 39 dB(A)	34 m² @ 39 dB(A)	30 m² @ 39 dB(A)	30 m² @ 39 dB(A)	40 m² @ 24 dB(A)
Speed 4		48 m² @ 44 dB(A)	48 m² @ 44 dB(A)	48 m² @ 44 dB(A)	48 m² @ 44 dB(A)	44 m² @ 44 dB(A)	44 m² @ 44 dB(A)	60 m² @ 33 dB(A)
Speed 5		66 m² @ 50 dB(A)	62 m² @ 50 dB(A)	62 m² @ 50 dB(A)	62 m² @ 50 dB(A)	56 m² @ 50 dB(A)	56 m² @ 50 dB(A)	80 m² @ 37 dB(A)
Speed 6		94 m² @ 56 dB(A)	88 m² @ 56 dB(A)	88 m² @ 56 dB(A)	88 m² @ 56 dB(A)	80 m² @ 56 dB(A)	80 m² @ 56 dB(A)	100 m² @ 43 dB(A)
Speed 7		-	-	-	-	-	-	130 m² @ 48 dB(A)
Speed 8		-	-	-	-	-	-	150 m² @ 54 dB(A)
Coverage @ ≤ 35 dB (quiet) *		20 m²	20 m²	20 m²	20 m²	18 m²	18 m²	60 m²
Coverage @ ≤ 45 dB (medium) *		48 m²	48 m²	48 m²	48 m²	44 m²	44 m²	100 m²
Coverage @ ≤ 56 dB (high) *		94 m²	88 m²	88 m²	88 m²	80 m²	80 m²	150 m²
Fan Motor								
Motor technology	AC	EC	AC	EC	AC	EC	EC	EC
Fan type	powerful, vibration-free fan, designed for 24/7 use	energy-efficient, powerful and vibration free fan, designed for 24/7 use	powerful, vibration-free fan, designed for 24/7 use	energy-efficient, powerful and vibration free fan, designed for 24/7 use	powerful, vibration-free fan, designed for 24/7 use	energy-efficient, powerful and vibration free fan, designed for 24/7 use	energy-efficient, powerful and vibration free fan, designed for 24/7 use	energy-efficient, vibration-free fan with aerodynamically optimised airflow guide fins for whisper quiet 24/7 use
Power Consumption								
Speed 1	20 W	7 W	20 W	7 W	20 W	7 W	7 W	6 W
Speed 2	36 W	11 W	36 W	11 W	36 W	11 W	11 W	7 W
Speed 3	54 W	19 W	54 W	19 W	54 W	19 W	19 W	9 W
Speed 4	74 W	31 W	74 W	31 W	74 W	31 W	31 W	12 W
Speed 5	105 W	51 W	105 W	51 W	105 W	51 W	51 W	21 W
Speed 6	135 W	100 W	135 W	100 W	135 W	100 W	100 W	34 W
Speed 7	-	-	-	-	-	-	-	57 W
Speed 8	-	-	-	-	-	-	-	86 W
Special Features								
Automatic fan speed adjustment in accordance with World Health Organisation PM2.5 health recommendations	no	yes	no	yes	no	yes	yes	yes
Wi-Fi connectivity	no	yes	no	yes	no	yes	yes	yes
Control via smartphone app	no	yes	no	yes	no	yes	yes	yes
Air quality sensor	no	yes (PM2.5)	no	yes (PM2.5)	no	yes (PM2.5)	yes (PM2.5)	yes (PM2.5, CO ₂ Temperature & Humidity)
Air quality Indicator	no	yes	no	yes	no	yes	yes	yes
Smart modes	no	yes (3)	no	yes (3)	no	yes (3)	yes (3)	yes (3)
Programmable timer	on control panel	on smartphone app	on control panel	on smartphone app	on control panel	on smartphone app	on smartphone app	on smartphone app
Filter status indicator	on control panel	on control panel & app	on control panel	on control panel & app	on control panel	on control panel & app	on control panel & app	on control panel & app
Adjustable filter load indices	yes (2)	no (autom.)	yes (3)	no (autom.)	yes (3)	no (autom.)	no (autom.)	no (autom.)
Filter life monitoring	semi-automatic	automatic	semi-automatic	automatic	semi-automatic	automatic	automatic	automatic
Remote control (IR)	handset supplied	smartphone app	handset supplied	smartphone app	handset supplied	smartphone app	smartphone app	smartphone app
Control panel lock function	yes	yes (via app)	yes	yes (via app)	yes	yes (via app)	yes (via app)	yes (via app)
Setting of smart/threshold alerts	no	yes	no	yes	no	yes	yes	yes
Display	LCD	smartphone app	LCD	smartphone app	LCD	smartphone app	smartphone app	smartphone app
Integrated control panel	yes	yes	yes	yes	yes	yes	yes	yes
Diffuser style	with scroll-through menu	with colour-coded air quality indicator	with scroll-through menu	with colour-coded air quality indicator	with scroll-through menu	with colour-coded air quality indicator	with colour-coded air quality indicator	with colour-coded air quality indicator
	320° Evenflow™ diffuser for draft-free clean air distribution		320° Evenflow™ diffuser for draft-free clean air distribution		320° Evenflow™ diffuser for draft-free clean air distribution		320° Evenflow™ diffuser for draft-free clean air distribution	Flexible Air Rotation (FAR) design allows 320° rotation of airflow direction for individually optimised clean air circulation
Accessories								
Supplied								
Optional								
Origin & Manufacturer								
Manufacturer / Origin								
Warranty								
Filter availability guarantee								

* Note: IQAir's room coverage calculations are always based on actual (certified) airflow rates and determined conservatively, because the goal is to achieve significant air quality improvements in real-world environments. Therefore, IQAir is aiming at least 2 air changes per hour (ACH) of the room's air volume. In closed rooms where there are no significant indoor sources of air pollution and no ventilation systems bringing in contaminants, the room coverage of IQAir high-performance air purifiers is more extensive, covering areas of up to twice the stated room size. Other brands use 1 or less ACH for their room coverage calculations and often base their coverage claims on theoretical airflow rates, which have not been individually tested and are typically overstated.

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