IQAir® XE Edition

Scientifically proven removal efficiency ≥ 99.95% (H13) irrespective of fan speed, aerosol size and type

IQAir®
First in Air Quality

Breathe the difference.

AllergyCosmos

Good Health Starts with Clean Air

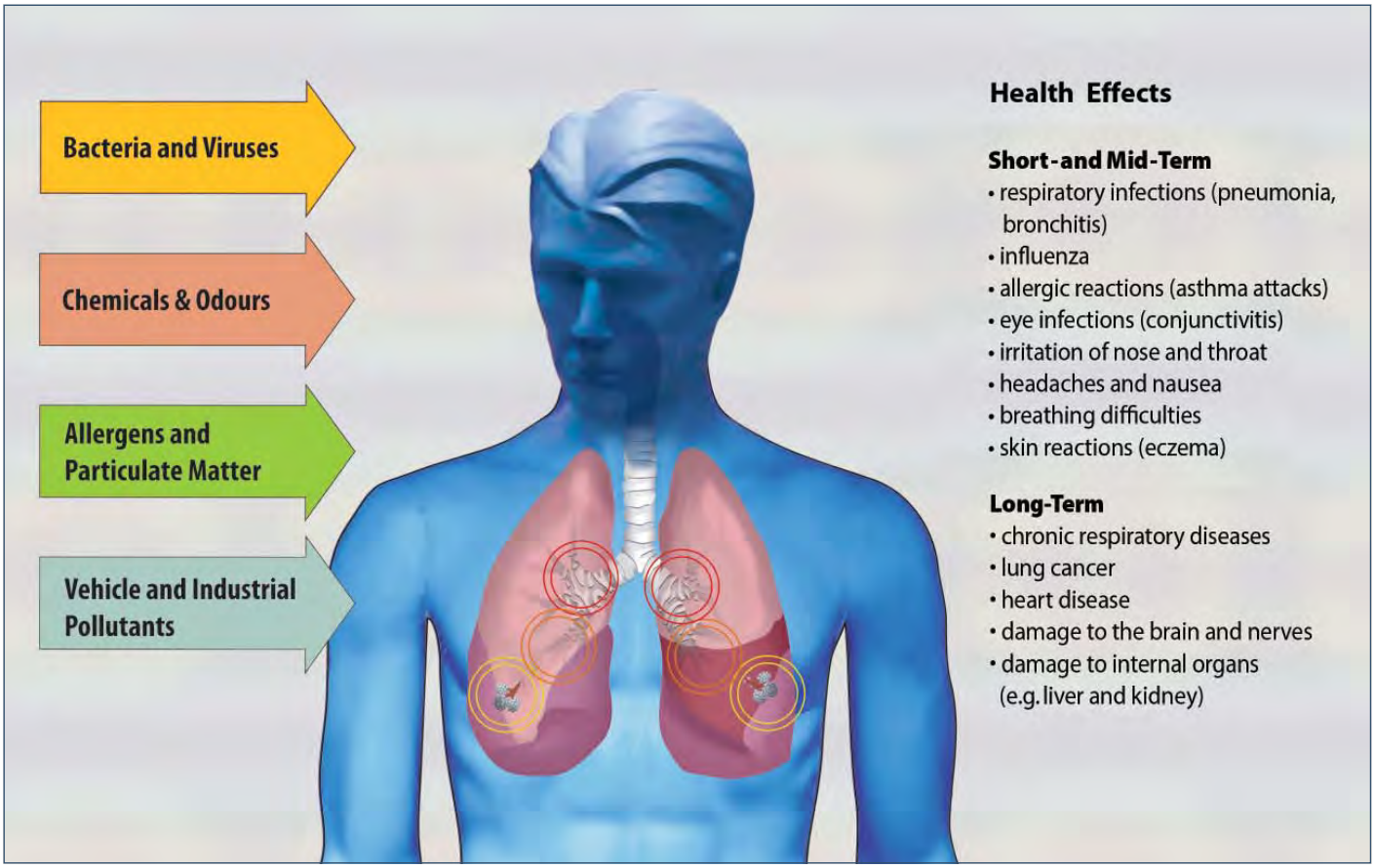
The air that we breathe has a great impact on our lives. We can survive for days without food and water, but only a few minutes without air. The quality of the air that we breathe is also of essential importance for our well-being. The less allergens, microorganisms and chemical pollutants we breathe, the smaller the chance of becoming ill. Medical conditions arising from air pollution can also have financial consequences. Healthcare costs and lost productivity in the workplace cost billions each year. IQAir offers the most advanced air cleaning solutions for indoor air pollution. The superior performance of the systems has led to the worldwide use of IQAir in the most challenging indoor environments. For example, the systems are used to protect patients and staff against serious infections in critical hospital and healthcare settings and to remove toxic chemicals in high-tech laboratories. The advanced air cleaning technologies used by IQAir are the result of an unparallelled 60 years of track record in air purification.

IQAir®
First in Air Quality

AllergyCosmos

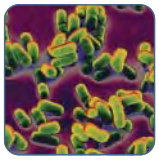
Air Pollution and its Effects

Air pollution can affect our health in many ways with both short-term and long-term effects. Different groups of people are affected by air pollution in different ways. Some individuals are much more sensitive to pollutants than others. Young children, the elderly and individuals with health problems such as asthma, heart and lung disease often suffer more from the effects of air pollution. The extent to which an individual is harmed by airborne contaminants will depend on the person's total exposure to particles, microorganisms and chemical substances, i.e. the duration of exposure and the concentration of the pollutants.



IQAir systems feature the most reliable and efficient air cleaning technologies against indoor pollutants.

Pollen, spores, dust mite allergens and other particular matter can trigger hay fever, asthma and other allergic reactions.



Microorganisms such as viruses, bacteria and fungal spores are responsible for various infections like tuberculosis, influenza, aspergillosis, MRSA, SARS and SARS-CoV-2 (COVID-19).

Pet allergens (dander) are mainly found in saliva and therefore on hair and skin of pets. When the allergens are inhaled they can lead to serious allergic reactions.

Tobacco smoke and fine dust contain thousands of chemicals and particles which can irritate the mucous membranes and lead to acute and chronic diseases. Even short-term exposure to elevated concentrations of fine particles can significantly contribute to heart disease.

Volatile organic compounds (VOCs) are gas-eous chemicals emitted from vehicles, industry and building materials. They can be carcinogenic and cause damage to internal organs.

Smog and ozone can cause irritation of the respiratory tract even at low concentrations and can trigger asthma attacks. While these pollutants are mainly generated outdoors, they enter buildings via doors, windows and ventilation systems.

Cleaning products, sprays and solvents can irritate the mucous membranes and aggravate allergies such as asthma and hay fever.

Paints, varnishes and adhesives can contain a multitude of harmful substances. Inhaling the vapours can lead to headache, nausea and allergic reactions. Long-term exposure can lead to chronic diseases.

Clean Air — The Healthy Ingredient for Living, Working and Learning Environments

The Case for Clean Air in Schools

Children and teenagers spend a substantial part of their school days in classrooms where the airborne particulate (PM2.5) pollution is often well above the 5 µg/m^3 level which the World Health Organization (WHO) recommends as “healthy”. Moreover, children and teenagers are particularly vulnerable to air pollution, with research linking elevated exposure directly to asthma, a leading cause of absenteeism among school-age children. Poor indoor air quality does not just affect health, it also impairs vital cognitive functions like concentration, calculation and memory. Therefore, creating a healthy and productive learning environment is an important and worthwhile goal, especially in heavily polluted urban regions.

Yet achieving excellent air quality in classrooms is a challenging task, due to the high air volume, high occupancy rate and the low noise tolerance of the typical classroom. Schools are also often located in cities with heavy traffic and elevated air pollution. A few key aspects must be considered for the selection of the right air purifier for classrooms, to ensure that the investment is cost-effective and beneficial for many years:

- Classrooms are typically larger and more densely occupied than average office and residential spaces for which most air purifiers have been de signed. Subsequently an air purifier needs to be powerful and needs to achieve a high level of filtration efficiency for tiny pollution particles, even at the highest fan speed.

- As schools are noise-sensitive learning environments, powerful air cleaning performance is worth very little, if the air purifier is too loud. IQAir’s air purification solutions are equipped with several sound attenuating features. These make IQAir one of the most powerful, yet quietest true HEPA air purifiers ever created for use in classrooms.

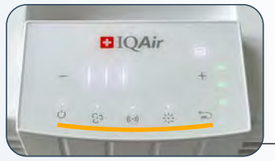
- To ensure reliable operation, the classroom air quality should be evaluated in accordance with recognised air quality guidelines. IQAir’s XE models use the World Health Organisation’s health recommendations for airborne particulates (PM2.5) as the benchmark for their fully automatic Smart Modes. This means that the air purifier is continuously monitoring the room air quality and the fan speed is automatically increased as soon as “unhealthy” levels of PM2.5 are detected. Only when the air quality reaches “safe” levels below 5 µg/m3, will the fan speed be reduced. A choice of three Smart Modes allow the air purifier to be programmed that it remains as quiet as needed for undisturbed learning.

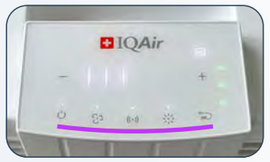
- Schools often wish to monitor the air quality in classrooms, compare it to outdoor air quality or even integrate monitoring activities into the school’s curriculum or science project to help raise awareness about the importance of good air quality for a healthy and productive society. IQAir’s world leading air quality monitoring infrastructure and monitoring hardware provide an ideal monitoring ecosystem to allow daily, weekly, monthly monitoring to compare the results and validate the air quality improvements that are achieved.

- In schools the remote fleet management of the air purifiers is often desirable, because teaching staff or caretakers should not be burdened to ensure that air purifiers are programmed in accordance with school hours and remain operational. IQAir’s XE Models feature wi-fi connectivity that allow remote access and validation that the systems are operating as intended. Even alerts can be sent via e-mail when it is time to replace a filter.

IQAir’s unique 60+ years experience in designing air filtration systems empower it to build highly advanced air cleaning solutions that deliver the much needed breath of fresh and clean air needed in modern learning, living and working environments.

IQAir® HealthPro® 250 XE – The Features





User-friendly display enables easy access to most important settings.

Intelligent filter life monitor – calculates when it is time to replace filters, taking actual use, fan speed and measured pollution levels into account.

Advanced timer programming – allows the system to switch on automatically at specified times, weekdays and fan speeds.

6 fan speed settings allow the selection of the most suitable performance/sound ratio.

Air Quality Indicator – the colour-coded LEDs of the integrated Air Quality Indicator provide instant feedback on air quality.

3 filter life LEDs provide a visual signal when it is time to replace a filter.

Smart Mode – thanks to the integrated particle sensor, the user can choose from three smart modes for automatic fan speed adjustment based on detected PM2.5 levels.

Remote Control via Smartphone
for details refer to next page.

IQAir's unique **HyperHEPA® technology** is tested and certified to remove even ultra-fine pollution particles, including viruses, with an efficiency of over 99.95% at all fan speeds.

Filter class H13 according to EN 1822 - The HyperHEPA® filter of the HealthPro models was the first filter for room air purifiers worldwide to be tested and certified according to the European standard EN 1822. The most recent test by an independent German test laboratory confirmed that the HyperHEPA (L) filter achieves a minimum efficiency of 99.95% (H13) even at an air flow of 560 m^3/h.

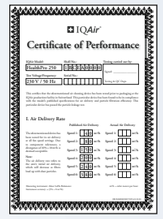
Advanced gas and odour removal – The IQAir HealthPro 250 XE features the V5-Cell filter – the most advanced gas and odour filter available in a residential room air purifier. The granular media consists of a unique blend of activated carbon and impregnated alumina for the removal of a wide spectrum of gases and unpleasant odours.

Ultra-quiet design – IQAir's "fan-in-centre" design places the fan motor in-between sound attenuating filters. The double-walled housing effectively reduces sound transmission. Rubber suspension pads systematically isolate motor vibration from the air cleaner housing. The result is an air purifier quiet enough for your bedroom.

The high-performance EC fan motor has a powerful free-flow rate of 1200 m^3/hour, is non-stop use approved and individually balanced for smooth and quiet operation.

Long-life filters save costs – The use of large surface, high-capacity filter media means that filters last longer.

Low energy consumption – Outstanding energy efficiency at all fan speeds translates into direct cost savings.



Individually certified – IQAir applies the highest quality control standards by individually testing and certifying each air purifier for filtration efficiency and air delivery. The results are recorded on a hand-signed Certificate of Performance supplied with every IQAir model.

Patented modular housing design
allows fast and comfortable filter replacement without tools. Independent filter stages allow each filter to be replaced individually, rather than having to replace entire filter blocks. This maximises yield and minimises replacement costs.

Mobility casters are supplied as standard with each residential IQAir system. These allow the system to be moved effortlessly from room to room.

Advanced Air Quality Sensor

The XE models are equipped with a built-in particle sensor that continuously monitors room concentrations of particulate matter (PM2.5). The colour-coded LEDs of the integrated Air Quality Indicator provide instant feedback on air quality.

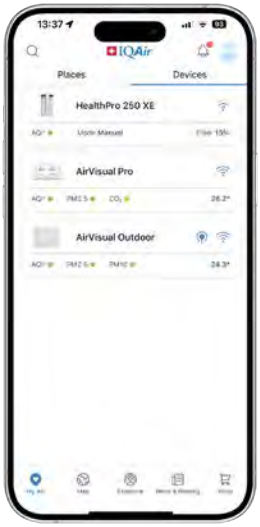
The built-in PM2.5 sensor also enables the air purifier to operate fully automatically by adjusting fan speed based on detected particulate pollutants.

You have the option to choose from three smart modes:

1. **Quiet Mode:** Ideal for environments where noise sensitivity is paramount.
2. **Balanced Mode:** Perfect for normal living and working environments.
3. **Max Mode:** Recommended for environments that require the highest level of air purification.

Total Control at Your Fingertips

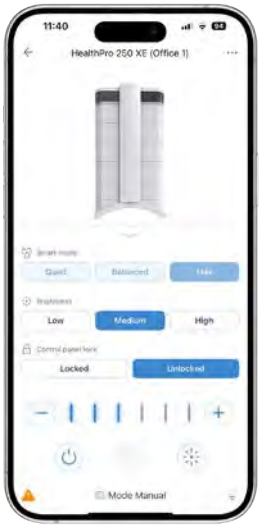
With WiFi compatibility and seamless interaction with IQAir's free AirVisual smartphone app, you can conveniently control your air purifier from anywhere, even when you're away. The smartphone interface grants access to a range of features, including 6 fan speeds, 3 smart modes, brightness adjustment of the Air Quality Indicator LEDs and a control panel lock function to prevent unauthorised access. Additionally, you can set up the advanced automatic timer to run the system at the desired fan speed according to your hourly, daily and weekly schedule.



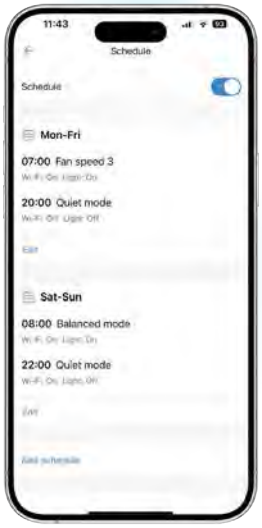
Get an overview of all your AirVisual compatible IQAir devices in one place. The WiFi compatibility enables you to control the air purifier using your smartphone. Through the AirVisual app, you can enjoy the advanced features offered by the IQAir XE models, such as…

… an overview of the current indoor air quality, quick fan speed adjustment, ...

...visual representations of hourly, daily and monthly air quality trends and realtime comparisons between indoor and outdoor air quality based on a selected reference station or your own AirVisual Outdoor monitor.



For the utmost convenience, the IQAir XE models allow you to select from three smart modes that automatically adjust the fan speed based on the indoor particle concentrations detected by the PM2.5 sensor.



The IQAir XE models further allow you to set up an advanced automatic timer to run the system at your desired fan speed or smart mode according to your hourly, daily and weekly schedule.

The intelligent filter life monitor notifies the user when it's time to replace the filters, based on sensor-detected pollution levels, air flow speed and usage hours. This ensures optimal performance and longevity.

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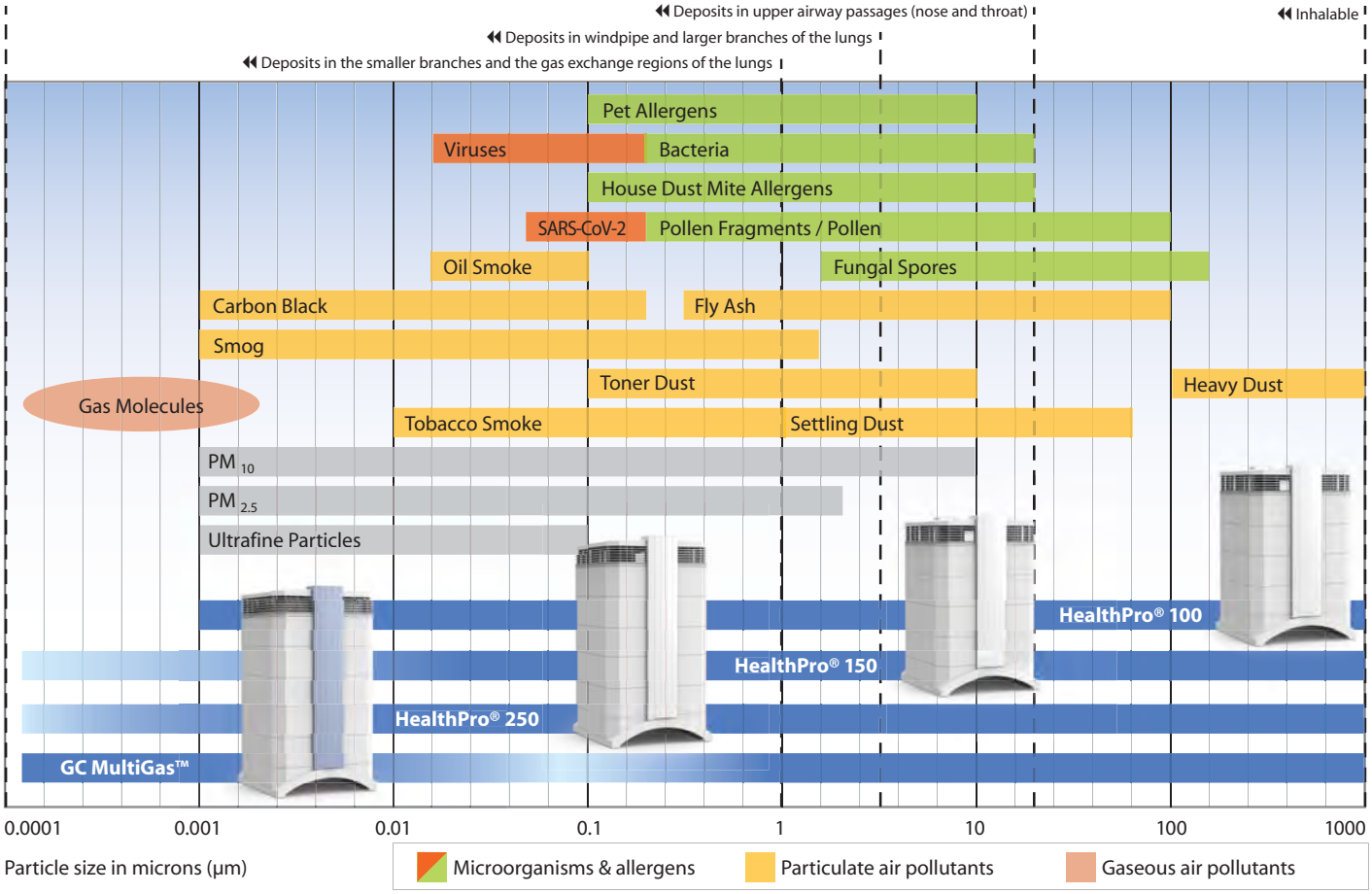
IQAir®– The Ideal Solution for Your Individual Requirements

The following table shows which IQAir model is suitable for specific airborne pollutants. The darker the blue stripe, the better the filtration efficiency of the IQAir system for the respective pollutant.



IQAir® First in Air Quality	**HealthPro® 100** The Allergy Specialist	**HealthPro® 150** The Compact Allrounder	**HealthPro® 250** The Powerful Allrounder	**GC MultiGas™** The Gas & Odour Specialist
				
Allergens (pollen, dander, dust, mite, fungal spores)	★★★★★	★★★★★	★★★★★	★★★★
Fine Dust and Particulate Matter (PM_{10}, $PM_{2.5}$)	★★★★★	★★★★★	★★★★★	★★★★
Chemicals and Odours	★	★★★	★★★★	★★★★★
Bacteria and Viruses	★★★★★	★★★★★	★★★★★	★★★★
Tobacco Smoke	★★ filters particles and particle bound chemicals contained in tobacco smoke.	★★★	★★★★	★★★★★

★ not recommended ★★ satisfactory ★★★ good ★★★★ very good ★★★★★ excellent

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IQAir XE Series - Clean Air for Less Than a Cup of Coffee a Day

What is the value of clean air to you? What if you, your family, staff, students, guests and patients could breathe cleaner air? Is excellent air quality worth the price of a cup of coffee each day? Absolutely, especially when you consider the numerous benefits of clean air!

When we or our loved ones fall ill, we are usually willing to pay for costly medications and treatments to aid in a speedy recovery. When a staff member becomes sick, the costs associated with absenteeism can quickly accumulate, resulting in significant business losses. Additionally, when hospital patients fail to recover as expected or acquire a hospital infection, the expenses related to extended stays and additional treatments can become exorbitant. While clean air cannot prevent every illness, breathing in clean air can help us:

- Maintain good health and live longer
- Alleviate symptoms of pre-existing respiratory diseases and allergies
- Develop fewer respiratory ailment
- Reduce absenteeism
- Minimise the risk of airborne infection transmission
- Lessen the need for expensive medications
- Facilitate a swift recovery

Breathing less pollutants, allergens and microorganisms in our daily lives can have a profound impact on our overall health and well-being. The IQAir XE Series makes breathing healthy air affordable, with its low ownership costs amounting to less than the price of a good cup of coffee a day.

World-Leading Solutions for Monitoring and Improving Indoor Air Quality

As most of us spend a significant portion of our lives indoors, the quality of the air we breathe inside has a significant impact on our health. While we have little control over the air we breathe outdoors, we do have the choice to enhance the air quality in many indoor spaces where we spend most of our time. IQAir offers a diverse range of air purifiers and air quality monitors specifically designed to empower individuals to lead a healthier lifestyle in various indoor environments:

Atem X ①
The Atem X is a high performance room air purifier that combines exceptional power and intelligence with remarkable quietness, compactness and energy efficiency. It is suitable for larger indoor spaces up to 150 m², including classrooms, open-plan offices, apartments and hospital wards.

AirVisual Pro ②
This intelligent air quality monitor accurately measures air pollution (PM2.5), CO2 levels, temperature and humidity in homes, offices, schools and more. The data is displayed on the LED screen and can also be accessed by smartphone. When paired with the AirVisual Outdoor monitor, it allows for a comparison of indoor and outdoor air quality.

Atem Desk ③
The Atem Desk is a personal air purifier designed to enhance indoor air quality in your breathing zone and small rooms. It utilises HyperHEPA® technology to effectively remove ultrafine pollutants from the air, including PM2.5, viruses and bacteria.

AirVisual Outdoor ④
This smart air quality monitor provides real-time measurements of outdoor particulate air pollution levels (PM2.5), offering accurate information about the air quality around your home or workplace. The data can be accessed through the AirVisual app and can also be displayed as a reference on a connected AirVisual Pro monitor.

Atem Car
The Atem Car is an incredibly powerful, yet quiet and compact car air purifier that effectively controls airborne particulates and also adsorbs and neutralises odours and chemicals.

60 Years of Clean Air Heritage

Since its modest beginnings in the early 1960s, the IQAir Group has remained a family-run company. It has evolved from being a pioneering leader in indoor air filtration to becoming a technology leader in the industry. With over six decades of experience, IQAir is widely recognised as a world-leading provider of effective indoor air cleaning solutions.

Unlike most air purifier brands, IQAir exclusively manufactures its air purifiers in Western Europe, adhering to high labour, social security, environmental and safety standards at its state-of-the-art Swiss and German production facilities.

IQAir goes to great lengths to ensure the reliable and superior performance of its products. While many air cleaner brands outsource the manufacturing of filter elements to third-party contractors, IQAir designs and manufactures every single filter element in-house. This approach allows IQAir to maintain total quality control over this crucial aspect of air cleaner performance.

INCEN AG
(IQAir International)
Staad, Switzerland

IQAir AG
Technology Center
Steinach, Switzerland

IQAir Germany GmbH
Wangen im Allgäu
Germany

IQAir North America, Inc.
California
USA

IQAir (China) Sales & Service Co.,Ltd.
DRC Tower - 13th Floor
Beijing, China

Deployed by leading institutions and companies

Next to medical facilities IQAir systems are being deployed in tens of thousands of facilities around the globe, including schools, kindergartens, dental practices, waiting rooms, offices, shops, fitness centres, hotels and restaurants to minimise the risk of COVID-19 infection transmission in enclosed spaces.

GOETHE INSTITUT
Mercedes-Benz
CERN
U.S. EMBASSY & CONSULATES IN CHINA
UNHCR The UN Refugee Agency
State of Qatar Ministry of Public Health
NOVARTIS
DB
Deutsche Botschaft Moskau
Посольство Германии Москва
ABB
The Government of the Hong Kong Special Administrative Region Department of Health
DLR Deutsches Zentrum für Luft- und Raumfahrt German Aerospace Center
Australian Embassy Mongolia
醫院管理局 HOSPITAL AUTHORITY
NEW ZEALAND FOREIGN AFFAIRS & TRADE
Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra
Switzerland and India
Department of Defense
GOVERNMENT OF WESTERN AUSTRALIA
Department of Health
INSELSPITAL UNIVERSITÄTSSPITAL BERN HÔPITAL UNIVERSITAIRE DE BERNE
Deutsche Botschaft Seoul
THE BRITISH INTERNATIONAL SCHOOL KUALA LUMPUR
A NORD ANGLIA EDUCATION SCHOOL
EQUINOX
giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
Botschaft der Bundesrepublik Deutschland Jakarta
Montessori Bildungshaus Hannover
Kantonsspital St.Gallen
Deutsche Botschaftsschule Peking
Österreichische Botschaft Peking
HealthShare Victoria
Hospital Geral de Santo António
Government of Canada / Gouvernement du Canada
Embassy of Canada, Beijing
مؤسسة حمد الطبية Hamad Medical Corporation
Deutsche Botschaft Buenos Aires
Sea-Watch.org
ALJAZEERA
Blackrock Clinic
Auswärtiges Amt
Embassy of Spain, Beijing
NHS Chelsea and Westminster Hospital NHS Foundation Trust

Advanced Multi-Stage Filtration

Each IQAir model features a patented modular housing which allows the system to be equipped with the most effective filtration technologies for specific air quality needs. Only the most efficient and reliable filter media are selected by IQAir to guarantee powerful and reliable long-term performance even for the most demanding and critical applications.

HealthPro® 100

Total system efficiency:
≥99.97% for particles ≥0.3 microns
≥99.95% for particles @ MPPS* & viruses

HyperHEPA® Filter: Hospital-grade HEPA filter (class H13) for the control of ultrafine particles, allergens, bacteria, viruses, mould spores.
Surface area: 5 m²

PreMax™ Filter: High-capacity pre-filter (class F8) for the control of coarse and fine dust particles.
Surface area: 2.8 m²

HealthPro® 150

Total system efficiency:
≥99.97% for particles ≥0.3 microns
≥99.95% for particles @ MPPS* & viruses

HyperHEPA® Filter: Hospital-grade HEPA filter (class H13) for the control of ultrafine particles, allergens, bacteria, viruses, mould spores.
Surface area: 5 m²

PreMax™ MG Filter: Combination Pre- and Gas filter. **Pre-filter (class F8)** for the control of coarse and fine dust particles. Surface area: 1.9 m². **Wide-spectrum MultiGas™ granular media** mix for the control of a broad range of chemical pollutants and odours. Content: 1 kg

HealthPro® 250

Total system efficiency:
≥99.97% for particles ≥0.3 microns
≥99.95% for particles @ MPPS* & viruses

HyperHEPA® Filter: Hospital-grade HEPA filter (class H13) for the control of ultrafine particles, allergens, bacteria, viruses, mould spores.
Surface area: 5 m²

V5-Cell™ MG Filter: Wide-spectrum MultiGas™ granular media mix for the control of a broad range of chemical pollutants and odours. Content: 2.5 kg

PreMax™ Filter: High-capacity pre-filter for (class F8) the control of coarse and fine dust particles.
Surface area: 2.8 m²

* MPPS = Most Penetrating Particle Size = 0.124 µm

GC MultiGas™

Total system efficiency:
≥ 99% for particles ≥ 0.3 microns

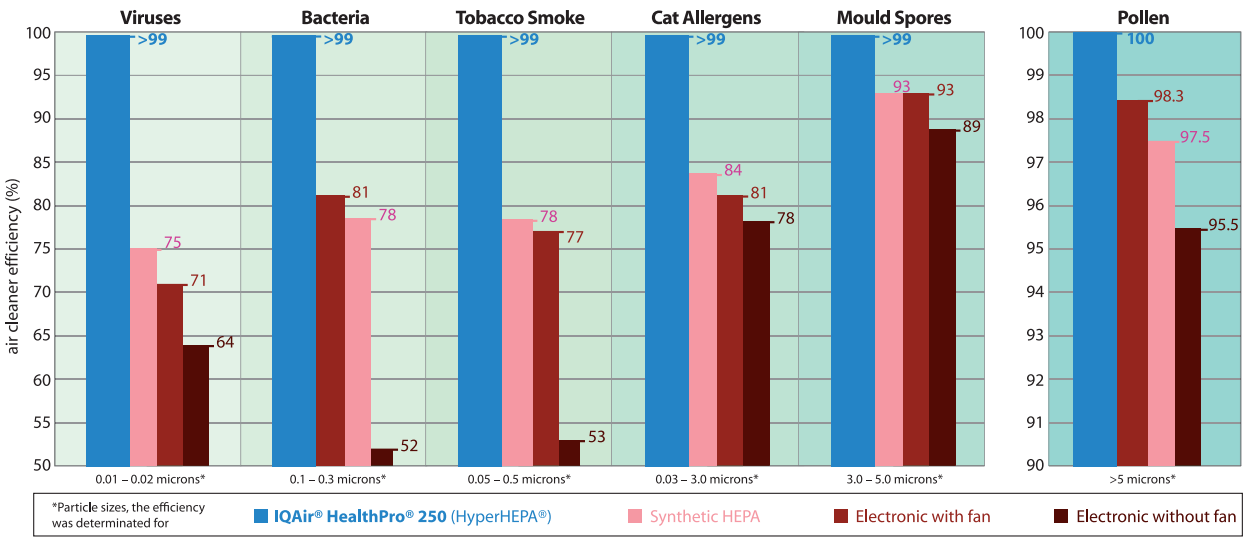
GC Post-Filter Sleeves: 4 electrostatically charged fibre filters for the removal of fine dust.
Surface area: 0.5 m²

GC MultiGas™ Cartridge Filter:
4 Cartridges with wide-spectrum media mix (activated carbon & impregnated alumina) for the filtration of a broad range of chemicals and odours.
Content: 5.4 kg

GC HEPA Pre-Filter: High-efficiency HEPA filter (class H11) for the control of coarse, fine and ultrafine dust particles, allergens and microorganisms.
Surface area: 3.0 m²

IQAir's HyperHEPA® Technology

The accredited test laboratory Interbasic Resources, Inc. purchased a number of room air cleaners on the open market and tested them for their filtration efficiency. Only the IQAir HealthPro 250 was able to trap over 99% of virtually all types of pollution particles. Since the IQAir HealthPro 100 and HealthPro 150 models feature identical particle filters to the HealthPro 250, the same results can also be expected of these models. The below graphs are based on independent laboratory tests which determined the HyperHEPA filter's removal efficiency for various particle size ranges.



IQAir® HealthPro® 250 XE Technical Specifications and Features Overview

PERFORMANCE OVERVIEW

	Fan speed	1	2	3	4	5	6
Air delivery rate [1]	*m³/h*	50	100	170	240	310	440
Filter class	*based on EN 1822*	H14	H13	H13	H13	H13	H13
Sound pressure [1]	*dB(A) @ 1 m*	23	31	39	44	49	55
Power consumption [1]	*Watt (standby: 1.56 W)*	7	11	19	31	51	100

CLEAN AIR DELIVERY RATE

	Type	Clean Air Delivery Rate	Test Report	Test Standard
CADR - GB/T 18801-2022	*particulate matter*	> 452 m³/h	WCk-23-50693	GB/T 18801-2022
CADR - GB/T 18801-2022	*formaldehyde*	> 150 m³/h	WCk-23-50693	GB/T 18801-2022
	benzene	> 160 m³/h	WCk-23-50693	GB/T 18801-2022
	TVOC	> 130 m³/h	WCk-23-50693	GB/T 18801-2022

FILTRATION EFFICIENCY

Contaminant	Type	Elimination Rate	Time	Test Report	Test Standard
Staphylococcus albus	*bacteria (gram-positive)*	> 99.90 %	60 minutes [2]	WCk-23-50693	GB/T 18801-2022
Influenza A virus (*H1N1*)	*virus*	> 99.99 %	60 minutes [2]	WCk-23-50692	GB/T 18801-2022
Cat allergen (Fel d1)	*allergen*	> 98.34 %	60 minutes [2]	JKK23110035A	GB/T 18801-2022
Dog allergen (Can f1)	*allergen*	> 98.30 %	60 minutes [2]	JKK23110035A	GB/T 18801-2022
Pollen allergen (Cry j1)	*allergen*	> 98.29 %	60 minutes [2]	JKK23110035A	GB/T 18801-2022
House dust mite allergen (Der f1)	*allergen*	> 98.33 %	60 minutes [2]	JKK23110035A	GB/T 18801-2022
Escherichia coli	*bacteria (gram-negative)*	> 99.99	60 minutes [2]	JKK23110035B	GB 21551.3-2010
Aspergillus niger	*bacteria (gram-negative)*	> 99.99	60 minutes [2]	JKK23110035B	GB 21551.3-2010
Fine & ultra fine particulates	*size range: 0.01 - 0.42 µm*	> 99.90 %	30 minutes [3]	DTI-104832	AHAM AC-1-2015 (mod.)
Formaldehyde	*volatile organic compound*	> 97.70	120 minutes [2]	JKK23110035C	GB 18204.2-2014

FILTER SPECIFICATIONS

IQAir® PreMax™ F8 (S)	Media	non-woven glass microfiber PreMax™ filter (micro-pleated for high-capacity)
Art. No. 102 10 10 00	Purpose	control of coarse and fine particulate matter to protect subsequent filter(s)
	Surface area (approx.)	2.8 m²
	Efficiency	≥ 55% @ ≥ 0.3 µm (class F8)
	Filtration principle	diffusion, interception and inertial impaction *
IQAir® V5-Cell™ MultiGas Filter	Media	MultiGas™ granulated activated carbon & impregnated alumina
Art. No. 102 18 10 00	Purpose	wide-spectrum control of a broad range of gaseous substances, chemical contaminants and odours
	Weight (approx.)	2.5 kg
	Filtration principle	adsorption and chemisorption *
IQAir® HyperHEPA® (L) Filter	Media	hospital-grade glass microfiber HyperHEPA® filter (micro-pleated for high-capacity)
Art. No. 102 14 14 00	Purpose	control of fine & ultra-fine particulate matter incl. PM2.5, bacteria, viruses, allergens, pollen, mould spores
	Description	hospital-grade high-efficiency particulate arrestance filtration
	Surface area (approx.)	5 m²
	Efficiency	≥ 99.97% @ ≥ 0.3 µm; According to EN1822: **H14** (≥ 99.995% @ ≤ 70 m³/h); **H13** (≥ 99.95% @ ≤ 560 m³/h (H13).
	Filtration principle	diffusion, interception and inertial impaction *

* Note: UV radiation, photocatalytic oxidation, ionisation and ozonation are purification technologies that are potentially harmful. IQAir does not deploy any of these technologies.

KEY FEATURES

German-made EC fan motor	designed for continuous use; offers energy efficient high airflow performance and superior built quality
Built-in air quality sensor	for accurate real-time measurements of particulate matter (PM2.5)
Air quality indicator	provides real-time visual feedback of current room air quality using the *World Health Organisation's* air quality colour codes
Touch-sensitive control panel	offers direct access to 6 fan speeds, smart mode on/off, WiFi on/off, filter status indicators, filter reset, display light on/off
Smartphone remote control	for device management via IQAir's AirVisual app in 18 languages [4]
AirVisual app integration	provides graphic display of hourly, weekly and monthly in-room air quality development
Smart Mode operation	automatically adjusts fan speed according to sensor-detected in-room pollution
Advanced programmable timer	enables easy programming of hourly, daily and weekly operation schedules at different fan speeds and smart modes
WiFi connectivity	allows selection of outdoor reference station for real-time indoor vs. outdoor air quality comparison (Note: WiFi can be deactivated)
Intelligent filter life monitor	calculates remaining filter life based on actual operating hours, fan speed and sensor-detected particle concentration
320° EvenFlow™ Diffuser	ensures draft-free clean air supply
Reduced sound emissions	thanks to fan-in-centre achitecture, double-wall housing design and individually balanced fan wheel
Control panel lock (child-lock)	prevents unauthorised tampering with selected settings
Compatibility	***AirVisual app*** [5] for access to all control features and graphic display of real-time and historic air quality data ***IQAir Web Dashboard*** for device and fleet management, graphic display and download of air quality data (subscription fees may apply) ***AirVisual Outdoor*** air quality monitor link for real-time indoor vs. outdoor air quality comparison

GENERAL INFORMATION

Power Input	220-240 V; 50-60 Hz	
Safety, EMC & radio certification	IECEE CB Scheme, KC, CE, Ozone-Free Certified (California Air Resources Board)	
Origin	Made in Switzerland	
Material/colour	Housing: non off-gassing, impact-resistant ABS / white	
Product dimensions (W x D x H) **/ weight**	without casters: 38 x 41 x 71 cm / 14.2 kg	with casters: 38 x 41 x 77 cm / 14.6 kg
Box dimensions (W x D x H) **/ weight**	43 x 45 x 84 cm / 16.4 kg	

SCOPE OF SUPPLY & ACCESSORIES

Scope of delivery	XE high-performance air purifier with filters, power cord, set of casters, certificate of performance, user manual, QR-code tag
Accessories (optional)	**VMF** Wall Mount, **PreScreen** Lint & Pet Hair Pre-Filter, **PF40** Coarse Dust Pre-Filter, **InFlow**, **VM InFlow** & **OutFlow** Duct Connection **FlexVac** & **VM FlexVac** Mobile & Wall-Mounted Source Capture Kits

[1] tolerances: airflow ±10 % (±10 m³/h); power consumption ± 10%; sound: ± 3 dB(A)

[2] test performed in a 30 m³ test chamber at fan speed 6

[3] test performed in a 20 m³ test chamber at fan speed 6

[4] app language choices include EN, FR, DE, ES, AR, FA, HI, IN, JA, KO, MN, MS, PL, RU, TH, VI, ZH (simp. & trad.)