Smart Edition

IQAir®
First in Air Quality

The Smart Way to Pure Air

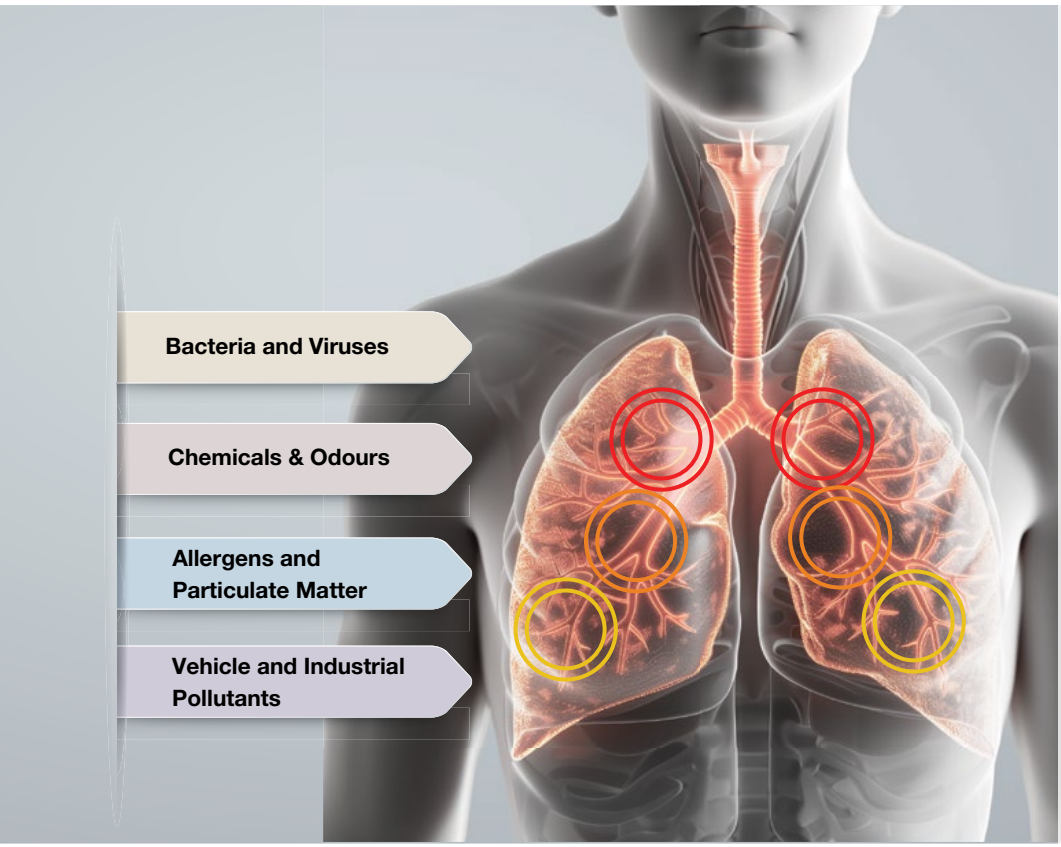
Good Health Starts with Clean Air

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

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.



Health Effects

Short-and Mid-Term

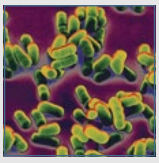
- respiratory infections (pneumonia, bronchitis)
- influenza
- allergic reactions (asthma attacks)
- eye infections (conjunctivitis)
- irritation of nose and throat
- headaches and nausea
- breathing difficulties
- skin reactions (eczema

Long Term

- chronic respiratory diseases
- lung cancer
- heart disease
- damage to the brain and nerves
- damage to internal organs (e.g. liver and kidney)

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.

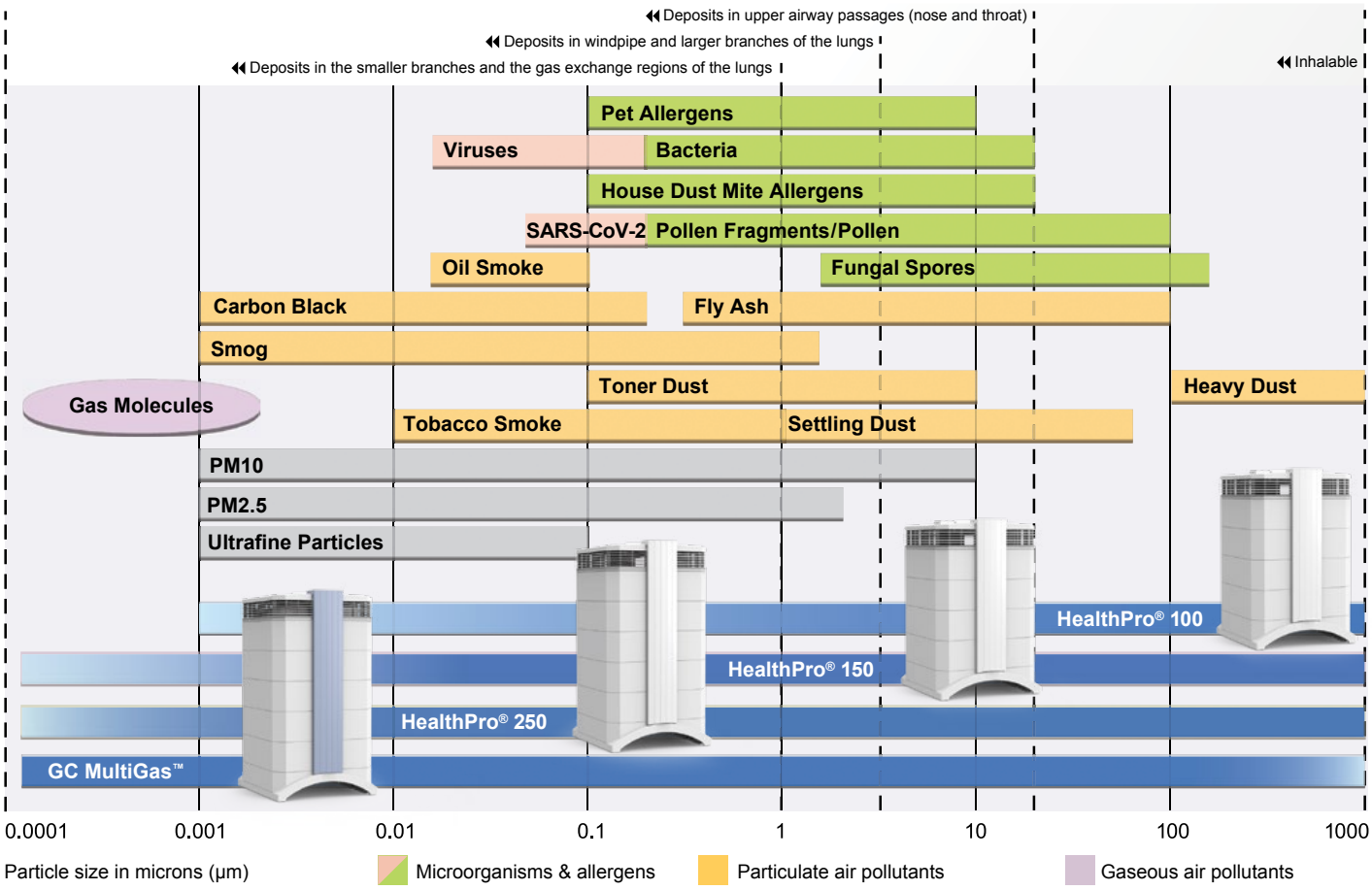
Smog and ozone can cause irritation of the respiratory tract even at low concentrations and can trigger asthma attacks. While these pollutants are mainly generated outdoors, they enter buildings via doors, windows and ventilation systems.

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.

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

Pure Air for the Whole Family

IQAir®
First in Air Quality

HealthPro® 250 XE – The Features

IQAir
First in Air Quality

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.

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 a bedroom.

Smart mode – Saves energy and filter life as performance is automatically adjusted only when elevated pollution levels are detected.

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.

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.

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 type-tested 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.

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.

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.

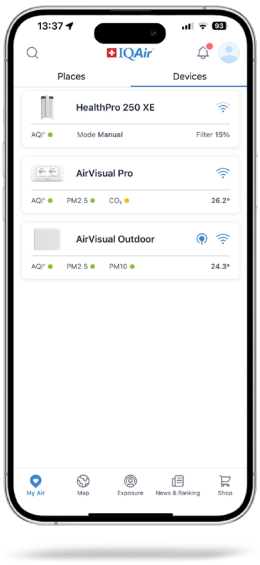
Mobility casters are supplied as standard with each residential IQAir system. These allow the system to be moved effortlessly from room to room.

Advanced Air Quality Sensor

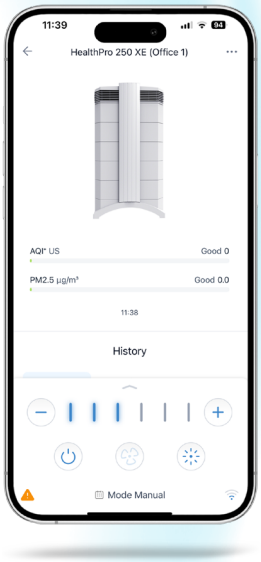
The XE models are equipped with a built-in particle sensor that continuously monitors room concentrations of particulate matter (PM2.5). The colour-coded LEDs of the integrated Air Quality Indicator provide instant feedback on air quality.

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.

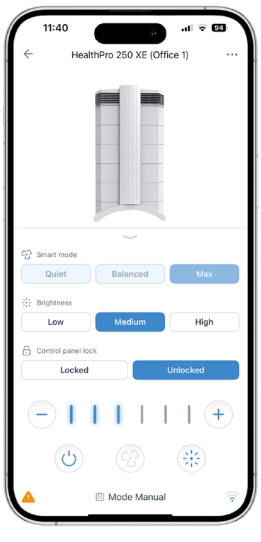


Get an overview of all your AirVisual compatible IQAir devices in one place. The WiFi compatibility enables you to control the air purifier using your smartphone. Through the AirVisual app, you can enjoy the advanced features offered by the IQAir XE models, such as…

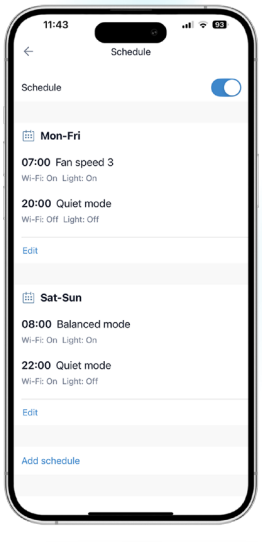


… an overview of the current indoor air quality, quick fan speed adjustment, …

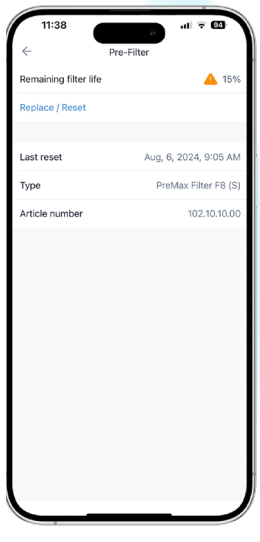
…visual representations of hourly, daily and monthly air quality trends and realtime comparisons between indoor and outdoor air quality based on a selected reference station or your own AirVisual Outdoor monitor.



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.

IQAir XE Series: Breathe healthy air in line with WHO recommendations

There are many air pollutants. Yet when it comes to determining the Air Quality Index (AQI) at any given place and moment, it is the pollutant with the highest concentration, that ultimately defines the overall air quality. In more than nine out of ten cases, that air pollutant is particulate matter (PM2.5), a complex mixture of solid particles and liquid droplets found in the air, that can travel deep into the lungs or enter the bloodstream. Invisible, yet very harmful, these tiny particles influence our physical and mental health, our sleep and well-being, even shaping the decisions we make, every single day.

World Health Organization

To protect human health and well-being, the World Health Organization (WHO) recommends keeping annual average PM2.5 levels below 5 µg/m³.

Smart Mode Technology for Truly Healthy Air

To meet this global health standard, IQAir's latest generation of air purifiers is equipped with an integrated PM2.5 sensor, that continuously monitors indoor air quality in real time, aligned with WHO recommendations.

Each IQAir XE Series model offers 3 Smart Modes that automatically adjust the air purifiers fan speed, when the room concentrations of PM2.5 exceeds the WHO recommendation for healthy air.

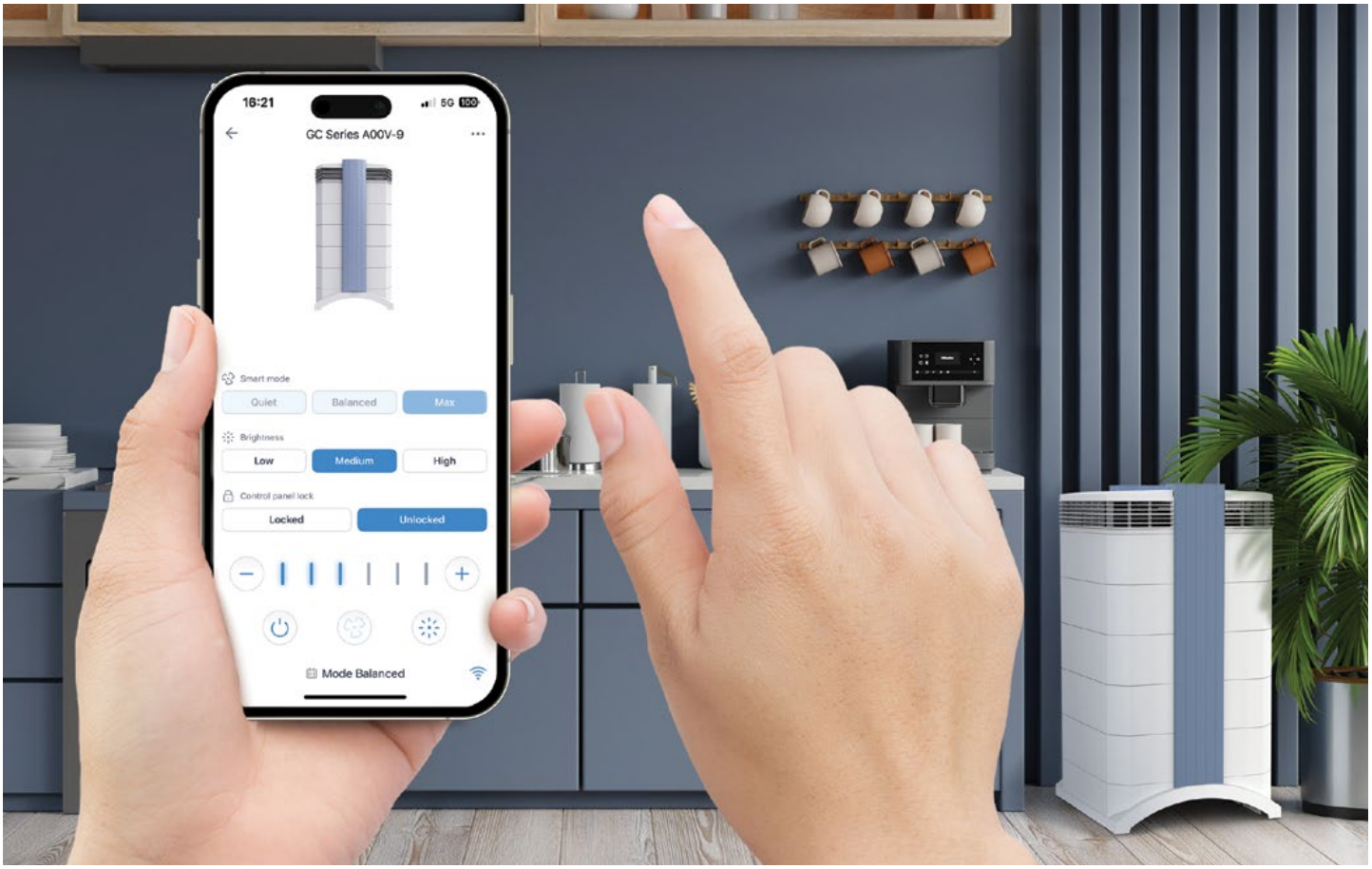
Only when air quality improves again, will the air purifier gradually lower its fan speed again. This way the Smart Modes extend filter life and conserve energy when save air quality is attained, while ensuring you minimise your exposure to PM2.5, without the need for any manual adjustment.

Choose the Smart Mode that perfectly suits your lifestyle

Quiet Mode: Ideal for environments where noise sensitivity is paramount.

Balanced Mode: Perfect for normal living and working environments.

Max Mode: Recommended for environments that require the highest level of air purification.



HyperHEPA® Filter Quality and Performance

In view of the growing concern that surrounds the safety and the true efficiency of many air purifiers offered in the market, IQAir offers an uncompromising approach with regard to safety and performance:

100% Ionisation and Ozone-Free Technology
IQAir's HyperHEPA filter media is free of harmful additives, such as PHMG, CIMT and OIT. Moreover, IQAir does not use any filtration technologies such as ionisation or UV lamps, which may produce ozone.

Individually Certified HyperHEPA® Performance
All IQAir HealthPro models feature IQAir's unique HyperHEPA® technology, removing even the tiniest pollution particles and microorganisms with an absolute minimum efficiency of 99.95% even at the highest fan speed. To ensure uncompromising real-world performance, the Swiss Factory individually tests and certifies each model for actual air delivery and actual filtration efficiency in real-life conditions. The hand-signed Certificate of Performance included with each system provides the ultimate guarantee that the IQAir you receive will perform as advertised.

Below is an overview of the different filters that are featured in the three HealthPro and the GC MultiGas models and what total system efficiency each model offers:

HealthPro® 100 – The Allergy & PM2.5 Specialist

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 – The Compact Allrounder

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 – The Powerful Allrounder

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 (class F8) for the control of coarse and fine dust particles. Surface area: 2.8 m²

GC MultiGas™ – The Gas & Odour Specialist

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

* MPPS = Most Penetrating Particle Size = 0.124 µm

Pure Air for Best Quality of Life

IQAir®
First in Air Quality

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. IQAir's XE models make breathing healthy air affordable, with their low ownership costs amounting 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 m^2, 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 Air Visual 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.

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 designed. 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.

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

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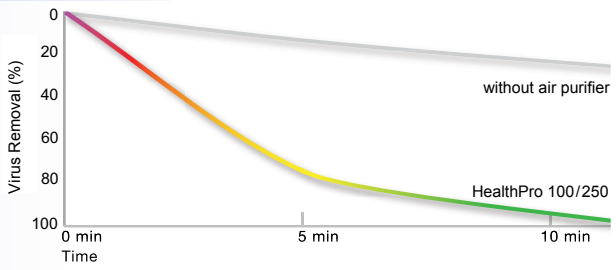
Deutsche Botschaft Buenos Aires · Sea-Watch.org · ALJAZEERA · Blackrock Clinic · Auswärtiges Amt · Embassy of Spain, Beijing · NHS Chelsea and Westminster Hospital NHS Foundation Trust

Scientifically Proven Performance

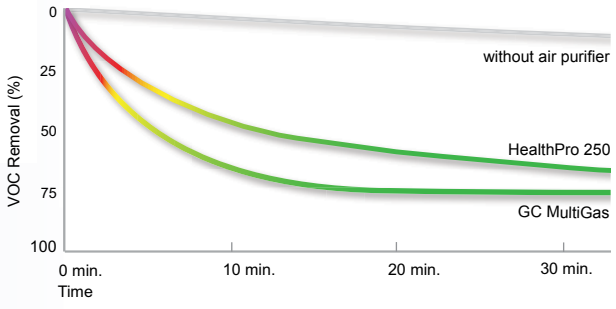
The IQAir XE models are the result of meticulous design and comprehensive testing. Their exceptional performance and effectiveness against particulate and gaseous pollution, electrical safety and sound performance have been independently tested and/or certified by accredited test laboratories worldwide, including the following:

Contaminant	Type	Elimination Rate	Time	Test Report	Model
Staphylococcus albus	*bacteria (gram-positive)*	*> 99.90 %*	*60 minutes* [1]	WCk-17-50098 WCk-23-50693 WCk-17-50002	HP 100 HP 250 GC MultiGas
Influenza A virus *(H1N1)*	*virus*	*> 99.99 %*	*60 minutes* [1]	WCk-23-50678 WCk-23-50692	HP 100 HP 250
Influenza A virus *(H1N1)*	*virus*	*> 99.95 %*	*60 minutes* [1]	JKK23110034B	GC MultiGas
Cat allergen *(Fel d1)*	*allergen*	*> 98.34 %*	*60 minutes* [1,2]	JKK23110035A	HP 250
Cat allergen *(Fel d1)*	*allergen*	*> 98.31 %*	*60 minutes* [1,2]	JKK23110034A	GC MultiGas
Dog allergen *(Can f1)*	*allergen*	*> 98.30 %*	*60 minutes* [1,2]	JKK23110035A	HP 250
Dog allergen *(Can f1)*	*allergen*	*> 98.27 %*	*60 minutes* [1,2]	JKK23110034A	GC MultiGas
Pollen allergen *(Cry j1)*	*allergen*	*> 98.29 %*	*60 minutes* [1,2]	JKK23110035A	HP 250
House dust mite allergen *(Der f1)*	*allergen*	*> 98.33 %*	*60 minutes* [1,2]	JKK23110035A	HP 250
Escherichia coli	*bacteria (gram-negative)*	*> 99.99 %*	*60 minutes* [1]	JKK23110035B	HP 250
Aspergillus niger	*bacteria (gram-negative)*	*> 99.99 %*	*60 minutes* [1]	JKK23110035B JKK23110034B	HP 250 GC MultiGas
Fine & ultra fine particulates	*size range: 0.01 - 0.42 µm*	*> 99.90 %*	*30 minutes* [3]	DTI-104832	HP 250 GC MultiGas
Formaldehyde	*volatile organic compound*	*> 97.70 %*	*120 minutes* [1]	JKK23110035C	HP 250
TVOC	*volatile organic compound*	*> 87.00 %*	*30 minutes* [3]	DTI-104832	GC MultiGas

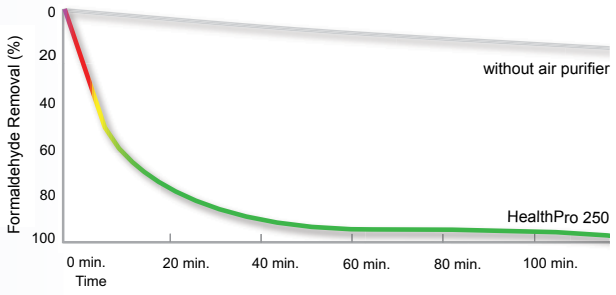
Virus Removal
The renowned microbiological test laboratory, *Airmid Health Group Ltd.*, conducted rigorous testing on the HealthPro 100 and HealthPro 250's ability to reduce airborne influenza A (H1N1) viruses. The results revealed a virus removal rate of 99.9% within 10 minutes. In comparison, other HEPA air purifiers tested by the lab took 3 to 6 times longer to achieve similar virus reduction.



VOC Removal
The HealthPro 250 and GC MultiGas underwent testing by the renowned *Danish Technological Institute*. The tests demonstrated a rapid and effective reduction of VOC by the HealthPro 250 by more than 50% within just 10 minutes.[3] The GC MultiGas model even demonstrated an effective VOC reduction of approx. 75% within just 10 minutes. [3]



Formaldehyde Removal
In an independent laboratory test conducted by *CAS Testing Technical Services Co. Ltd.*, the HealthPro 250 proved its effectiveness against formaldehyde. The HealthPro's V5-Cell filter reduced formaldehyde concentrations by around 90% in only 40 minutes.



1 test performed in a 30 m³ test chamber at fan speed 6; 2 the measurable reduction was subject to measuring limitations resulting from low starting concentration; 3 test performed in a 20 m³ test chamber at fan speed 6

Technical Specifications & Features

Model Comparison	HealthPro 100 XE	HealthPro 150 XE	HealthPro 250 XE	GC MultiGas XE
				
Colour, Dimensions & Weight				
Housing colour	white	white	white	white
Locking Arm colour	white	white	white	blue
Height / Width / Depth, Weight	61 / 38 / 41 cm, 12 kg	61 / 38 / 41 cm, 13 kg	71 / 38 / 41 cm, 16 kg	71 / 38 / 41 cm, 20 kg
Filtration				
Particulate filtration spectrum	all types of particles including PM2.5, fine and ultrafine dust, allergens, bacteria, viruses, mold spores, asbestos, soot,smoke particles and microplastics	all types of particles including PM2.5, fine and ultrafine dust, allergens, bacteria, viruses, mold spores, asbestos, soot,smoke particles and microplastics	all types of particles including PM2.5, fine and ultrafine dust, allergens, bacteria, viruses, mold spores, asbestos, soot,smoke particles and microplastics	all types of particles including PM2.5, fine and ultrafine dust, allergens, bacteria, viruses, mold spores, asbestos, soot,smoke particles and microplastics
Gas-phase filtration spectrum	particle-bound gases	chemicals and odours (e.g. NO2, SO2, O3, VOC, PAHs and formaldehyde)	chemicals and odours (e.g. NO2, SO2, O3, VOC, PAHs and formaldehyde)	chemicals and odours (e.g. NO2, SO2, O3, VOC, PAHs and formaldehyde)
Total system efficiency for particles ≥ 0.3 µm	≥ 99.97 %	≥ 99.97 %	≥ 99.97 %	≥ 99 %
Efficiency and airflow individually tested and certified	yes	yes	yes	yes
Pre-Filter	**PreMax™ F8 (S) Filter**	**PreMax™ F8 MG (S) Filter**	**PreMax™ F8 (S) Filter**	**GC HEPA H11 (S) Filter**
Class	F8 (equiv. to ISO ePM1)	F8 (equiv. to ISO ePM1)	F8 (equiv. to ISO ePM1)	H11 (equiv. to ISO 15 E)
Surface area	2.8 m²	1.9 m²	2.8 m²	3.0 m²
Filter life *	12-18 months	9-15 months	12-18 months	9-15 months
Gas- & Odour Filter	(no active gas-phase filtration)	(combined with pre-filter)	**V5-Cell™ MultiGas™ Filter**	**GC MultiGas™ Cartridge Filter Set**
Media type	-	MultiGas™	MultiGas™	MultiGas™ (additional media types available)
Content	-	1.0 kg	2.5 kg	5.4 kg
Filter life *	-	9-15 months	15-21 months	18-30 months
HEPA-Filter / Post Filter	**HyperHEPA® H12/13 (L) Filter**	**HyperHEPA® H12/13 (L) Filter**	**HyperHEPA® H12/13 (L) Filter**	**GC Post-Filter Sleeve Set**
Class	H13-H14 (acc. to independent type-test)	H13-H14 (acc. to independent type-test)	H13-H14 (acc. to independent type-test)	Micro Fibre Filter
Surface area	5.0 m²	5.0 m²	5.0 m²	0.5 m²
Filter life *	36-48 months	36-48 months	36-48 months	18-30 months
Clean Air Delivery Rate (CADR) & Power Consumption				
Speed 1	50 m³/h 7 W	50 m³/h 7 W	50 m³/h 7 W	50 m³/h 7 W
2	100 m³/h 11 W	80 m³/h 11 W	100 m³/h 11 W	90 m³/h 11 W
3	170 m³/h 19 W	140 m³/h 19 W	170 m³/h 19 W	150 m³/h 19 W
4	240 m³/h 31 W	200 m³/h 31 W	240 m³/h 31 W	220 m³/h 31 W
5	330 m³/h 51 W	260 m³/h 51 W	310 m³/h 51 W	280 m³/h 51 W
6	470 m³/h 100 W	350 m³/h 100 W	440 m³/h 100 W	400 m³/h 100 W
CADR for particles	> 500 m³/h	> 350 m³/h	> 481m³/h	> 475 m³/h
formaldehyde	-	-	> 150 m³/h	> 364 m³/h
TVOC	-	-	> 135 m³/h	> 274 m³/h
benzene	-	-	> 160 m³/h	> 314 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)
2	20 m² @ 31 dB(A)	16 m² @ 31 dB(A)	20 m² @ 31 dB(A)	18 m² @ 31 dB(A)
3	34 m² @ 39 dB(A)	28 m² @ 39 dB(A)	34 m² @ 39 dB(A)	30 m² @ 39 dB(A)
4	48 m² @ 44 dB(A)	40 m² @ 44 dB(A)	48 m² @ 44 dB(A)	44 m² @ 44 dB(A)
5	66 m² @ 50 dB(A)	52 m² @ 50 dB(A)	62 m² @ 50 dB(A)	56 m² @ 50 dB(A)
6	94 m² @ 56 dB(A)	70 m² @ 56 dB(A)	88 m² @ 56 dB(A)	80 m² @ 56 dB(A)

Special Features	
Smart Mode (quiet, balanced, max)	automatically adjusts fan speed according to sensor-detected in-room pollution in accordance with World Health Organization PM2.5 health recommendations
German-made EC fan motor	offers energy efficient high-performance and superior built quality. Each impeller is individually balanced for smooth and quiet operation.
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 Organization'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 (EN, FR, DE, ES, AR, FA, HI, IN, JA, KO, MN, MS, PL, RU, TH, VI, ZH simp. & trad.)
AirVisual app integration	provides graphic display of hourly, weekly and monthly in-room air quality developments
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: Wi-Fi 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 low-noise and draft-free clean air supply
Low-noise performance	thanks to fan-in-centre achitecture, double-wall housing design and individually balanced impeller
Control panel lock (child-lock)	prevents unauthorised tampering with selected settings
Compatibility	**AirVisual app** 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, setting of smart/threshold alerts, 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

Accessories	
Supplied	casters, certificate of performance, power cord, manual
Optional	VMF (wall-mount), InFlow and OutFlow (pressure ducting adaptor)

Origin & Warranty	
Country of manufacture	Switzerland
Warranty / filter availability guarantee	EU: 3 years / 25 years

* with average use of 10-12 hours per day at medium fan speed and under average air pollution.
** Note: IQAir's room coverage calculations are always based on certified air flow rates, as the goal is to achieve significant improvements in air quality in real-world environments. Ideally, a minimum of 2 air changes per hour of the room volume should be aimed for to achieve a substantial reduction in pollutants in normal living and working environments. In enclosed spaces where there are no significant sources of air pollution and no pollutants are introduced via ventilation systems, the room coverage of IQAir high-performance air purifiers is greater than indicated in the table. In these cases, areas up to twice as large can be covered.