



First in Air Quality



AERIS LLC

The Only Authorized Dealer in Mongolia

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WORLD LEADER OF INDOOR
AIR CLEANING SOLUTIONS



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 unparalleled 50 year track record in air purification.

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 particulate and chemical substances, i.e. the duration of exposure and the concentration of the pollutants.

- Ger Area Coal Smoke

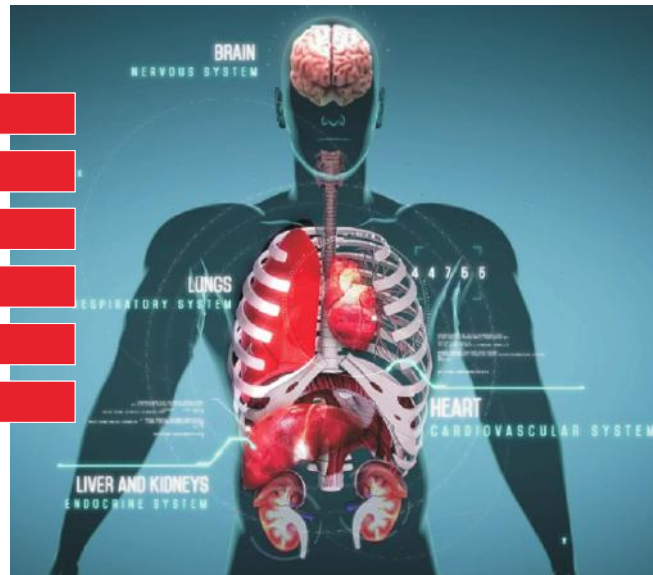
- Vehicle, Industrial Pollutants

- Allergens

- PM 10, PM 2.5

- Chemicals & Odours

- Bacteria and Viruses



Health Effects

Short-term

- Allergic reactions
- Eye infections (conjunctivitis)
- Irritation of nose and throat
- Bronchitis
- Pneumonia
- Headaches and nausea
- Breathing difficulties
- Skin reactions (eczema)
- Asthma attacks

Long-term

- Chronic respiratory diseases
- Lung cancer
- Heart disease
- Damage to the brain & nerves
- Damage to internal organs (e.g. liver and kidney)

The IQAir Difference

You are what you breathe.

It's time to get serious about air quality.

You eat 3-5 nutritious meals a day. You try to drink 8 glasses of pure water a day. You obviously care about your health. But what do you do to make sure that the 30,000 breaths you take every day truly revitalize your body? It may not be possible to control the air everywhere. However, our passion at IQAir is to help you control the air in the most important environment – your home, office and workplace. We deliver air purification products that can make a real difference. While other companies may focus on profits, we are truly passionate about delivering the very best air quality products in the world.

Ulaanbaatar is one of the most polluted cities in the world...

Although level of SO₂ is higher than the international standard in Ulaanbaatar, the most harmful pollutant is “particulate matter” negatively impacting on people’s health. Ulaanbaatar is considered as the most polluted city in the world in terms of level of particulate matter per cubic meter. Particulate matter 2.5 and 10 can affect human lung and heart severely through penetrating into blood circulation of the body.

A 2013 study by Canada’s Simon Fraser University concluded that 1 in 10 deaths in Ulaanbaatar were related to complications from air pollution. A recent study also conservatively estimated that 29% of cardiopulmonary deaths and 40% of lung cancer deaths in Ulaanbaatar City are attributable to outdoor air pollution.

Air pollution in Ulaanbaatar cannot be solved in shorter term, says World Health Organization, and the organization set Ulaanbaatar’s mid-term objective at 70 microgram per cubic meter of particulate matter. However, current situation is 10 times worse. WHO further determines that current level of air pollution in Ulaanbaatar should be reduced by 80% in order to reach the country’s standard level. Obviously, 80% reduction cannot be achieved without significant effort, time, and money.



Our passion is air cleaning excellence.

For more than 50 years, IQAir has remained at the cutting edge of indoor air purification.

We lead, others follow. In 1963, IQAir introduced the first home and workplace air cleaning system and started an industry that we continue to lead today. Our Swiss-based design and manufacturing team produced the first home and workplace air purifiers capable of achieving a '0' reading (no particles coming out of the air outlet) using sophisticated laser particle counters.

Trusted by Doctors and Hospitals

IQAir makes the No.1 air purifiers used in hospitals worldwide. Many people consider hospitals the most critical health environment - a place where clean air literally means the difference between life and death. Doctors and other caregivers need to be protected from cross contamination of infectious disease while they care for patients. Patients need to be protected from viruses, bacteria and other microscopic airborne pollutants that can hinder their recovery. Patients with severe allergies and asthma need relief from their respiratory symptoms. Patients with lung infections need an environment that is free of airborne contaminants. IQAir is very proud of its history of providing hospitals with the very best in air filtration systems. Now you can have this same medical-grade air purification in your home and office.



Selected for the fight against **SARS**

When the dreaded disease SARS began to spread, doctors quickly determined that this highly contagious disease was spreading through the air. There was no cure or treatment and scientists determined that the only way to combat SARS was to stop the spread of the disease.

The Hongkong Hospital Authority tested many air cleaners and determined IQAir as the only suitable air cleaner to fight against SARS.

No.1 in awards and reviews.

Our air purifiers have received more awards than any other, with No.1 ratings from Consumers Digest, Consumer Search, Parent Tested/Parent Approved, Reviewboard Magazine, Allergy Buyers Club and many more. And whenever the popular ABC television show “Extreme Makeover: Home Edition” needs to create an ultra-clean home for a deserving family with health concerns, they turn to the world’s leader in advanced air cleaning solutions: IQAir.

No.1 Choice for critical applications.

IQAir is the No.1 choice of hospitals worldwide. In fact, the Hong Kong Hospital Authority chose IQAir to help fight the spread of the SARS virus. IQAir is also the No.1 choice of athletes, and was chosen by the US Olympic Committee to clean the air for its athletes in Beijing. And when wildfires strike, IQAir supports the American Red Cross with air purifiers to protect hospitals, emergency rooms and evacuation shelters.






Partners in promoting air quality

IQAir collaborates with leading organizations and partners who share our passion for making the world a better place. That’s why we were selected by the American Lung Association as their exclusive partner for the air cleaning industry. We also support the indoor air quality efforts of a number of organizations such as the US Green Building Council.



The Ideal Solution for Your Individual Requirements

The following table shows which IQAir model is suitable for specific airborne pollutants.

Pollution / Contamination Type		HealthPro® 100	HealthPro® 150	HealthPro® 250	GC MultiGas™
	Viruses, Carbon Black, Diesel Soot, Oil Smoke, Ultra Fine Dust	★★★★★	★★★★★	★★★★★	★★★★★
	Smog, Tobacco Smoke, Exhaust Fumes, VOCs, Industry Emissions	★★	★★★	★★★★★	★★★★★
	Bacteria, Pet Allergens, Dust Mite Allergens, Toner Dust	★★★★★	★★★★★	★★★★★	★★★★★
	Wildfire Smoke, Pollen, Fungal Spores, Radon & Radioactive Dust	★★★★★	★★★★★	★★★★★	★★★★★
	Chemical Substances, Odours, Solvents, Glues, Paints, Sprays	★	★★★	★★★★★	★★★★★

★ not suitable

★★ satisfactory

★★★ good

★★★★ very good

★★★★★ excellent

When it comes to performance, value and reliability, the only decision you have to make is selecting the right IQAir system for your needs. IQAir system can be your smartest choice.

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 

Filter Type

HyperHEPA®-Filter
Hospital-grade HEPA filter eliminates ultra-fine particles, allergens, bacteria, viruses and mould spores.

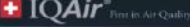
PreMax™-Filter
High-capacity pre-filter eliminates coarse and fine dust particles.



Technical Data

Media: glass microfiber (pleated)
Class: H12/13
Efficiency: ≥ 99.97% @ ≥ 0.3 µm
 ≥ 99.5% (all sizes)
Surface area: 5 m²

Media: glass fiber (pleated)
Class: F8
Efficiency: ≥ 55% @ 0.3 µm
Surface area: 2.8 m²


HealthPro® 150 

Filter Type

HyperHEPA®-Filter
Hospital-grade HEPA filter eliminates ultra-fine particles, allergens, bacteria, viruses and mould spores.

PreMax™ MG-Filter
Pre-filter: Eliminates coarse and fine particles.

Gas Filter: Removes a broad range of chemical pollutants and odours.

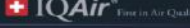


Technical Data

Media: glass microfiber (pleated)
Class: H12/13
Efficiency: ≥ 99.97% @ ≥ 0.3 µm
 ≥ 99.5% (all sizes)
Surface area: 5 m²

Media: glass microfiber (pleated)
Class: F8
Efficiency: ≥ 55% @ 0.3 µm
Surface area: 1.9 m² / 1 kg

Media: MultiGas™ (granular)
AC-4 / IA-4
Content: 1 kg


HealthPro® 250 

Filter Type

HyperHEPA®-Filter
Hospital-grade HEPA filter eliminates ultra-fine particles, allergens, bacteria, viruses and mould spores.

V5-Cell™ MG-Filter
Wide-spectrum gas-filter removes a broad range of chemical pollutants and odours.

PreMax™-Filter
High-capacity pre-filter eliminates coarse and fine dust particles.

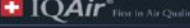


Technical Data

Media: glass microfiber (pleated)
Class: H12/13
Efficiency: ≥ 99.97% @ ≥ 0.3 µm
 ≥ 99.5% (all sizes)
Surface area: 5 m²

Media: MultiGas™ (granular)
AC-4 / IA-4
Content: 2.5 kg

Media: glass microfiber (pleated)
Class: F8
Efficiency: ≥ 55% @ 0.3 µm
Surface area: 2.8 m²


GC MultiGas™ 

Filter Type

GC Post-Filter Sleeves (x4)
Remove ultra-fine particulates

GC MultiGas™ Cartridge Filter (x4)
Remove a wide spectrum of chemicals and odours

GC HEPA Pre-Filter
Controls coarse, fine and ultra-fine particles



Technical Data

Media: electrostatically charged fiber
Surface area: 0.5 m²

Media: MultiGas™ (granular)
AC-4 / IA-4
Content: 5.4 kg

Media: glass microfiber (pleated)
Class: H11
Efficiency: ≥ 99% @ ≥ 0.3 µm
Surface area: 3 m²

Filter Replacement Cycle:	Products	Pre-Filter	Gas & Odour Filter	HEPA Filter/Post-Filter
Assuming average usage at average fan speed and average pollution levels. The different filters can be expected to have the following filter life span (in months).	HealthPro 100	12-18	n/a	36-48
	HealthPro 150	10-15	10-15	36-48
	HealthPro 250	12-18	18-21	36-48
	GC MultiGas	10-15	18-30	18-30

IQAir's Unique HyperHEPA filtration (1/2)

IQ Air's Hyper HEPA filtration is designed to filter as small as 0.003 micron particles including PM2.5, ultrafine particles, bacteria, viruses, molds, and pollens.

IQ Air's HyperHEPA filters have been type-tested and classified in accordance with the world's most stringent HEPA filter test: EN 1822. The test shows that IQ Air's HyperHEPA filter not only meets the HEPA standard, but that it exceeds it.

Many high-tech manufacturers such as Intel already require their filter suppliers to provide them with EN 1822 certification. Also many hospitals insist on this test to have been passed to ensure a filter's suitability and integrity for airborne infection control in critical environments.

100% ozone-free

If you would like to see the test result in person, you can visit our Showroom.

We guarantee the results in writing...

IQAir combines the very best air filtration technology in the world with superior design to deliver pure, clean air that meets or exceeds our claims.



IQAir®

Certificate of Performance

IQAir Model: HealthPro Plus	Shell No: 1 8 0 0 1 0 0 0 0	Testing carried out by: Signed:	
Test Voltage/Frequency: 120V, 60Hz	Serial No: 0 2 5 1 8 0 1 4 5	11 / 2 2 3 Testing & Q.C. Dept.	

This certifies that the aforementioned air cleaning system has been tested prior to packaging at the IQAir® production facility in Switzerland. This particular system has been found to be in compliance with the model's published specifications for air delivery and particle filtration efficiency. This system has also passed the particle leakage test.

I. Air Delivery Rate

	Published Air Delivery	Actual Air Delivery
Speed 1:	4 0 cfm	4 8 cfm
Speed 2:	7 5 cfm	7 8 cfm
Speed 3:	1 3 0 cfm	1 3 6 cfm
Speed 4:	1 7 0 cfm	1 8 1 cfm
Speed 5:	2 0 0 cfm	2 2 6 cfm
Speed 6:	3 0 0 cfm	3 2 1 cfm

The aforementioned system has been tested for its air delivery at all fan speed settings. Due to component tolerances, a divergence of 10% ± 0 cfm is deemed acceptable.

Note: The air delivery rate refers to the system's initial air delivery, which will decrease as filters load up with dust particles.

Measuring instrument: Rotameter (Instrument accuracy: ± 0% ± 5 cfm)

cfm = cubic feet per minute
 1 cfm = 1.7 m³/h

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Showroom Address: Khan Uul District, 3rd Khoroo, Chinggis Avenue 62/1, MSM Building, 3rd Floor, Room#309

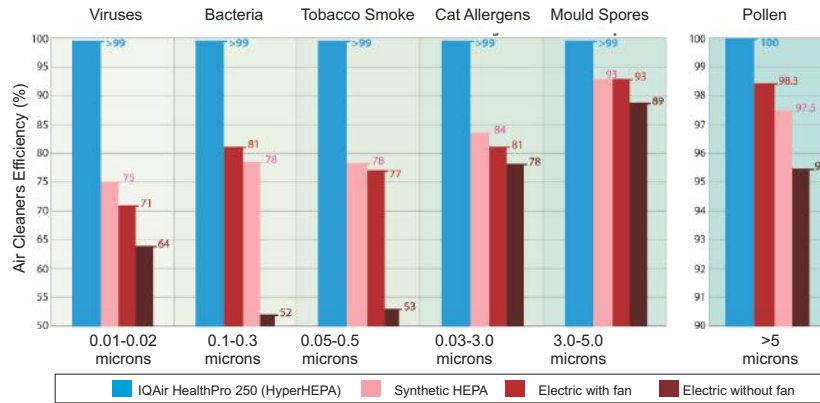
Not all purifiers are created equal. Welcome to the IQAir revolution.

IQAir's Unique HyperHEPA filtration (2/2)

Tested & Certified accordance with EN 1822
Most stringent standard



Independent Laboratory Test results

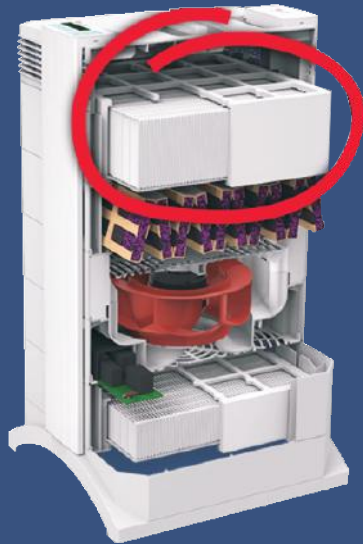


The accredited test laboratory Interbasic Resources, Inc. purchased a number of room air cleaners on the open market and tested them for their filtration efficiency.

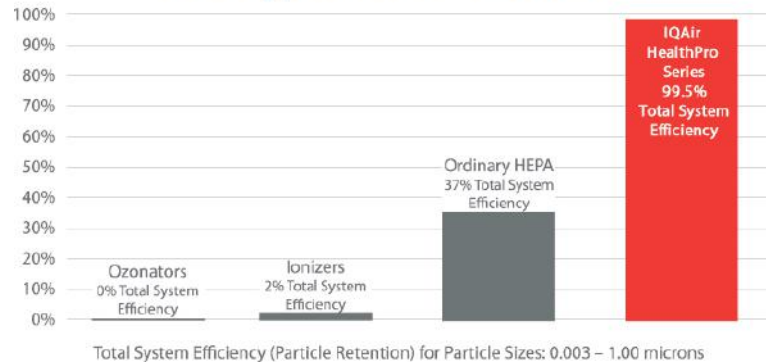
Only the IQAir HealthPro 250 was able to trap over 99% of virtually all types of pollution particles. Since the IQAir HealthPro 100 and HealthPro 150 models feature identical particle filters to the HealthPro 250, the same results can also be expected of these models.

The above graphs are based on independent laboratory tests which determined the HyperHEPA filter's removal efficiency for various particle size ranges.

Source: www.iqair.com



The HyperHEPA® Difference

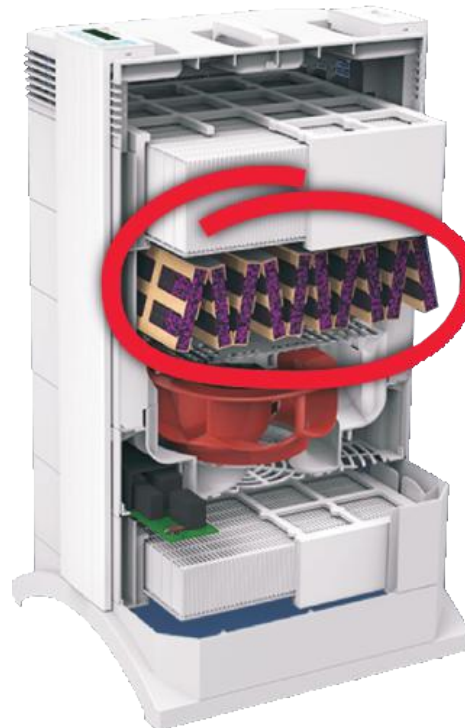


Tested and certified to remove ultra-fine pollution particles down to 0.003 microns with minimum efficiency of 99.5%

Filters particles 100 times smaller than ordinary air cleaners

Advanced Broad-Spectrum Gas and Odour Filtration

Removes a wide range of harmful chemicals and unpleasant odours



IQ Air's MultiGas™ media is composed of equal parts of uniquely formulated high-performance activated carbon and activated alumina impregnated with potassium permanganate.

The activated carbon removes gaseous molecules by a physical process called absorption which physically binds the molecules within its porous carbon structure. Activated carbon is especially suitable to remove compounds with a high molecular weight such as volatile organic compounds, for example benzene, toluene, and xylene.

For control of gaseous contaminants with a low molecular weight, such as formaldehyde and hydrogen sulfide, MultiGas™ media contains chemically activated alumina impregnated with potassium permanganate that is a non-toxic media first physically binds selected contaminant molecules and then chemically destroys them through an oxidation process.

In Ulaanbaatar, there are various toxic gases coming out from the ger district stoves and cars, for example nitrogen dioxide, sulphur dioxide, ozone, etc, which all can be destroyed by IQ Air's MultiGas™ media. All in all, over 100 types of gaseous contaminants can be destroyed by this uniquely made media.

You can browse the detailed list of gaseous contaminants that can be destroyed by MultiGas™ media as below:
<https://cdn.shopify.com/s/files/1/1103/6100/files/iqair-filtration-air-pollutants.pdf>

IQAir HealthPro 250 - The Features



Intelligent, User-friendly Control Panel

- User-Friendly scroll-through LC-display
- Intelligent Filter life monitor
- Advanced timer programming
- 6 fan speed settings
- 3 filter life LEDs

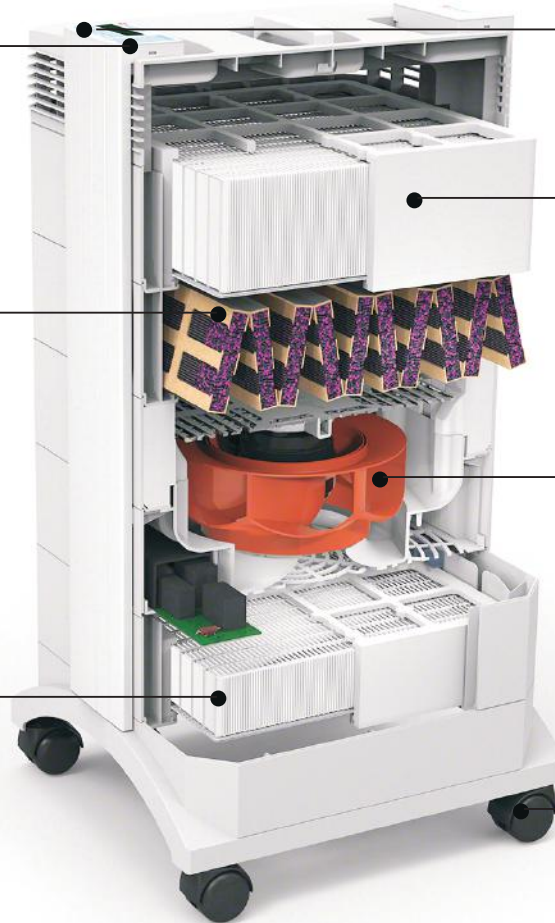
Advanced Gas & Odour removal

- Consists of a unique blend of activated carbon and impregnated alumina for the removal of a wide spectrum of gases and unpleasant odours.



High-Capacity PreMax Filter

- Class F8
- For the control of coarse and fine dust particles



Remote Control

The sleek ultra-thin remote control allows convenient operation from several meters distance.



Unique HyperHEPA technology

- Tested & Certified accordance with EN 1822, the most stringent standard in the world.
- 100% Ozone-free product.



High-Performance Fan Motor

- A Powerful free-flow rate of 1200m³/h
- Non-Stop use approved
- Individually balanced for smooth & quiet operation



Mobility Casters

Allows the product to be moved effortlessly from room to room. Supplied as standard with each IQAir product.



First in Air Quality

Assisting people in living longer, healthier lives by providing the very best air quality products in the world...



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