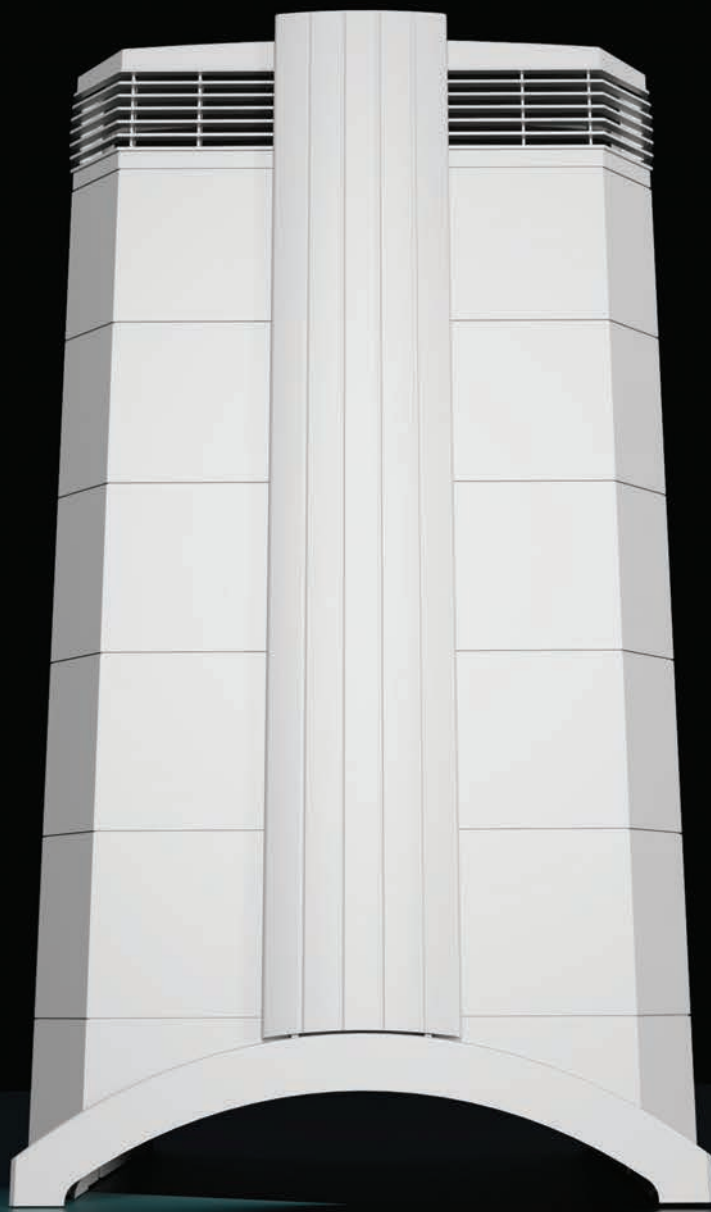


**IQAir® XE Edition**  
Scientifically proven removal efficiency  
≥ 99.95% (H13) irrespective of  
fan speed, aerosol size and type

**+** **IQAir®**  
First in Air Quality

Breathe the difference.



# 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

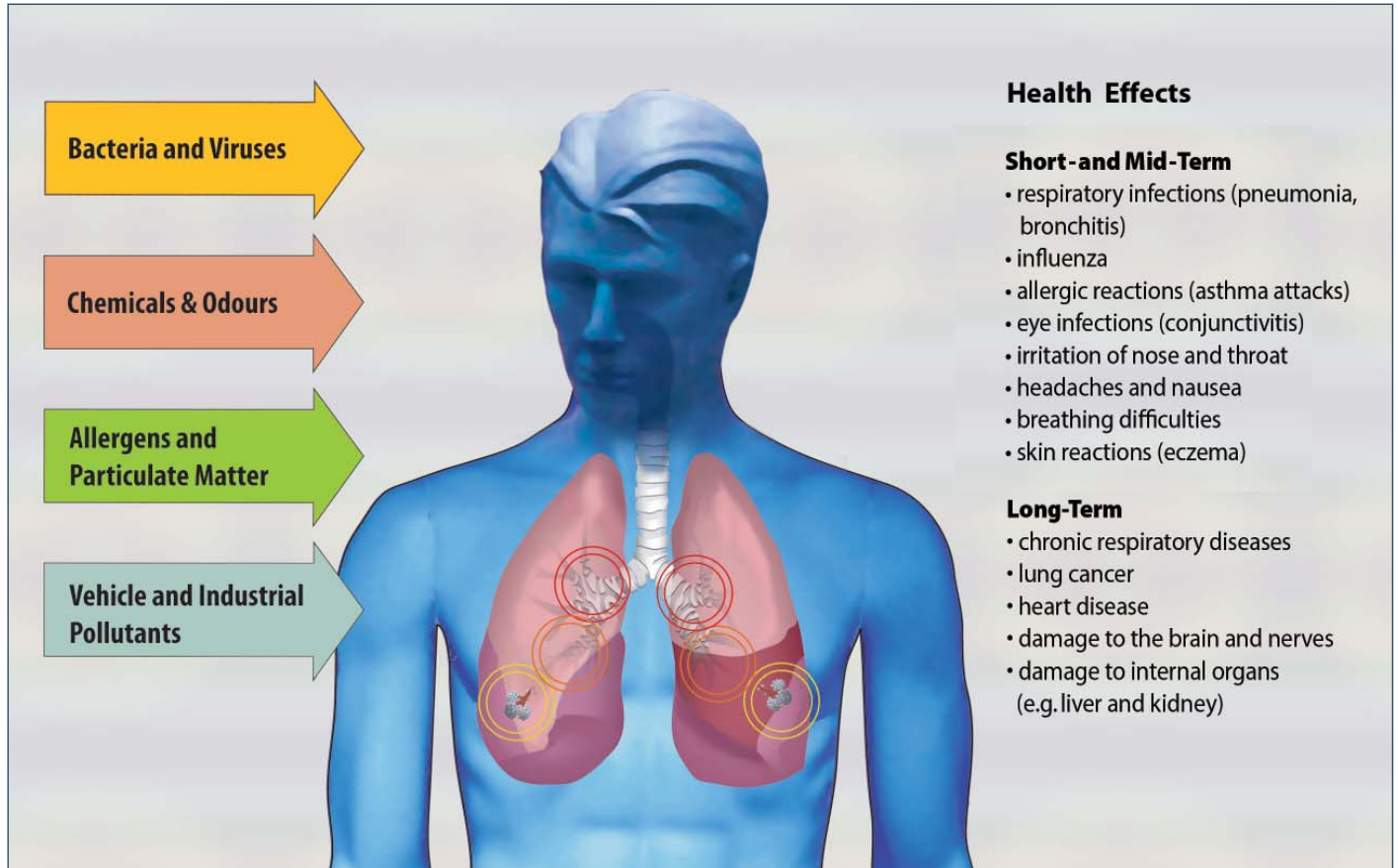
indoor air pollution. The superior performance of the systems has led to the worldwide use of IQAir in the most challenging indoor environments. For example, the systems are used to protect patients and staff against serious infections in critical hospital and healthcare settings and to remove toxic chemicals in high-tech laboratories. The advanced air cleaning technologies used by IQAir are the result of an unparalleled 60 years of 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 particles, microorganisms and chemical substances, i.e. the duration of exposure and the concentration of the pollutants.



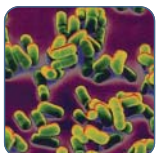
IQAir systems feature the most reliable and efficient air cleaning technologies against indoor pollutants.



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



**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.



**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).



**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.



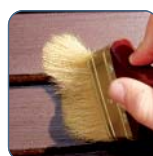
**Pet allergens (dander)** are mainly found in saliva and therefore on hair and skin of pets. When the allergens are inhaled they can lead to serious allergic reactions.



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



**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.



**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<sup>3</sup> 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/m<sup>3</sup>, 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.

**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.

**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.



**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.



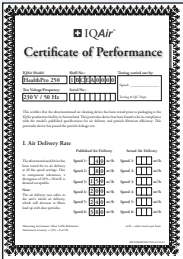
**Remote Control** via Smartphone for details refer to next page.

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 m³/h.

**The high-performance EC fan motor** has a powerful free-flow rate of 1200 m³/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.

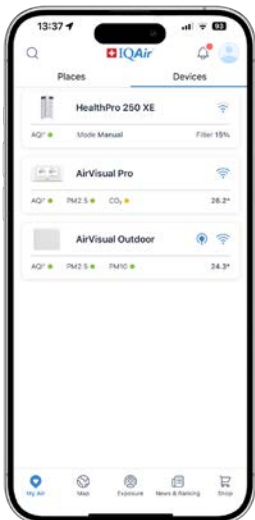
The built-in PM2.5 sensor also enables the air purifier to operate fully automatically by adjusting fan speed based on detected particulate pollutants.

**You have the option to choose from three smart modes:**

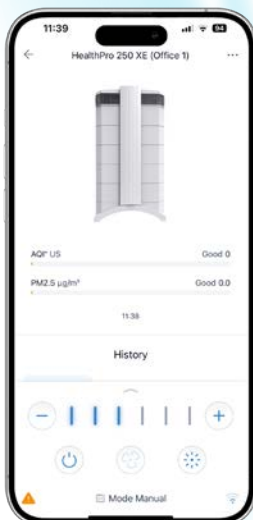
- 1. Quiet Mode:** Ideal for environments where noise sensitivity is paramount.
- 2. Balanced Mode:** Perfect for normal living and working environments.
- 3. Max Mode:** Recommended for environments that require the highest level of air purification.

## 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.



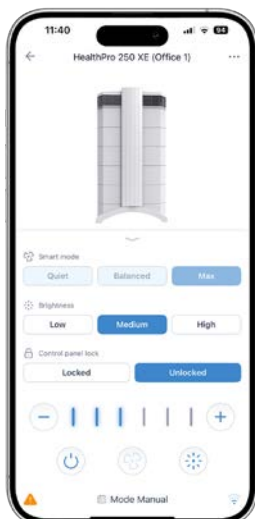
Get an overview of all your AirVisual compatible IQAir devices in one place. The WiFi compatibility enables you to control the air purifier using your smartphone. Through the AirVisual app, you can enjoy the advanced features offered by the IQAir XE models, such as...



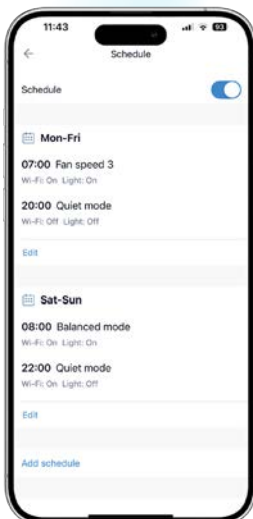
... an overview of the current indoor air quality, quick fan speed adjustment, ...



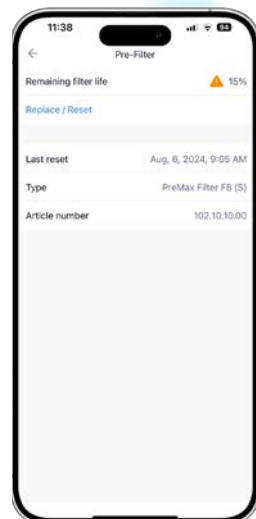
...visual representations of hourly, daily and monthly air quality trends and realtime comparisons between indoor and outdoor air quality based on a selected reference station or your own AirVisual Outdoor monitor.



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.



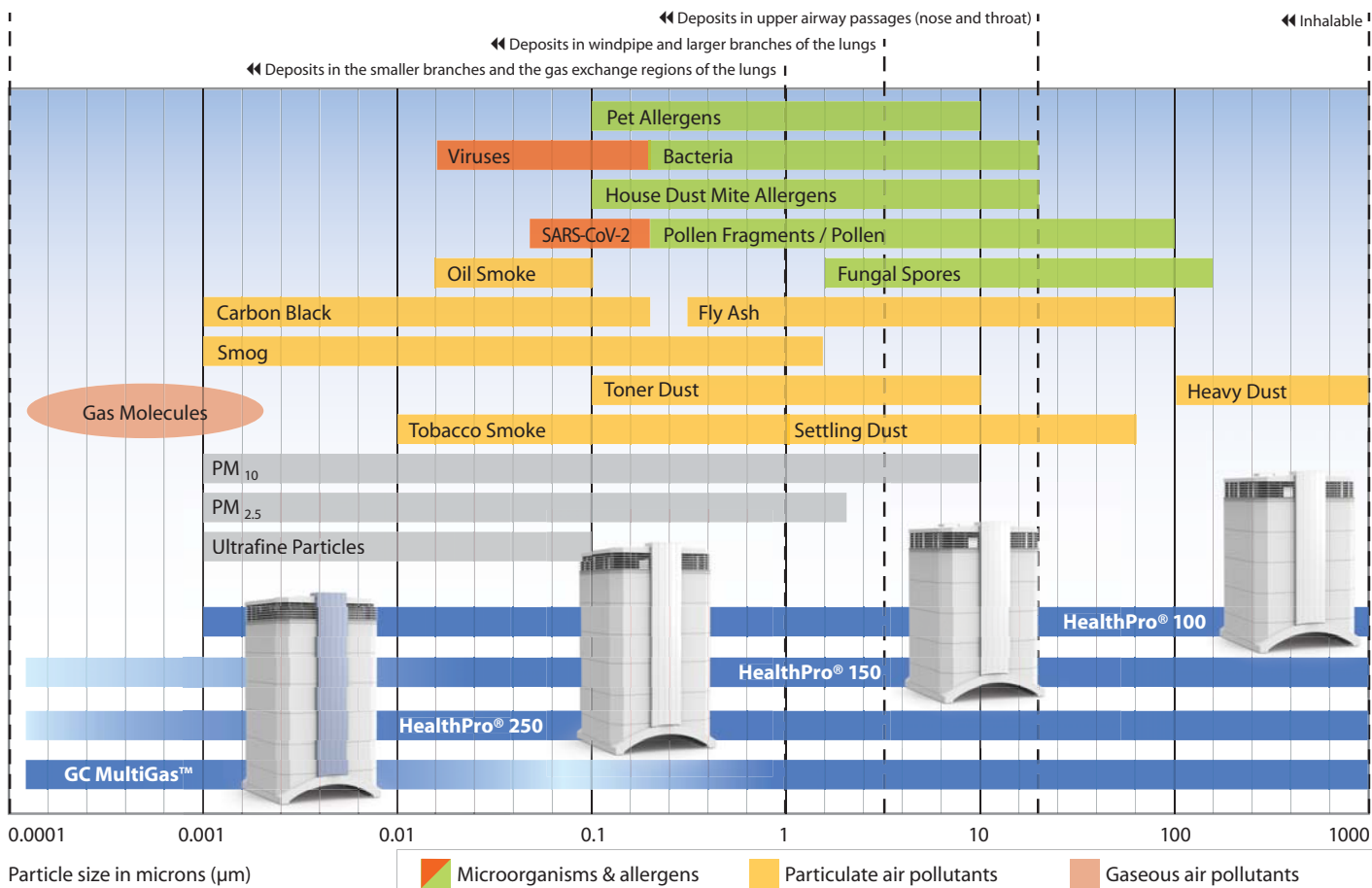
The IQAir XE models further allow you to set up an advanced automatic timer to run the system at your desired fan speed or smart mode according to your hourly, daily and weekly schedule.



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.

# 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.



	<b>HealthPro® 100</b> The Allergy Specialist	<b>HealthPro® 150</b> The Compact Allrounder	<b>HealthPro® 250</b> The Powerful Allrounder	<b>GC MultiGas™</b> The Gas & Odour Specialist
				
<b>Allergens</b> (pollen, dander, dust, mite, fungal spores)	★★★★★	★★★★★	★★★★★	★★★★★
<b>Fine Dust and Particulate Matter</b> (PM <sub>10</sub> , PM <sub>2.5</sub> )	★★★★★	★★★★★	★★★★★	★★★★★
<b>Chemicals and Odours</b>	★	★★★	★★★★★	★★★★★
<b>Bacteria and Viruses</b>	★★★★★	★★★★★	★★★★★	★★★★★
<b>Tobacco Smoke</b>	★★ <small>filters particles and particle bound chemicals contained in tobacco smoke.</small>	★★★	★★★★★	★★★★★

★ not recommended

★★ satisfactory

★★★ good

★★★★ very good

★★★★★ excellent



# 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 ailments
- 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 m<sup>2</sup>, including classrooms, open-plan offices, apartments and hospital wards.



## AirVisual Pro ②

This intelligent air quality monitor accurately measures air pollution (PM2.5), CO<sub>2</sub> 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



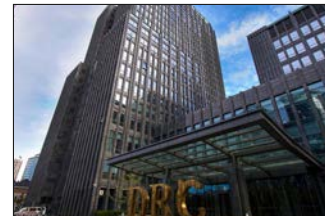
IQAir AG  
Technology Center  
Steinach, Switzerland



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.



All trademarks and logos shown are the property of the respective trademark owners and all rights are fully acknowledged. The above listing does not imply or signify any recommendation or endorsement of IQAir or its products by the mentioned companies and organisations, but merely reflects the fact that they have purchased and deployed IQAir products.



# Awards and Reviews

IQAir has received more No. 1 product awards and reviews than any other air purifier brand, including:



**Evening Standard “Best Air Purifier of 2021” Award.** For the 2nd time the London newspaper awards its prestigious “Best Top Pick” Award to IQAir’s HealthPro 250. The paper concludes: “Simply put the IQAir is the best air purifier you can buy.... If you really want the best air purifier possible, then it can only be from IQAir”.



**Evening Standard “Best Air Purifier of 2019” Award.** The London Evening Standard crowns the HealthPro 250 “the best air purifier you can buy”. The newspaper’s verdict fell on IQAir’s “meticulously tested and methodically developed” product that is also relied upon in hospitals and schools in pandemic times, based on “the quality of the materials used, the particulars of the design and the proven technology within each individual component”.

**Consumers Digest “Best Buy” Award 2014** (HealthPro 250). For the 4th time in a row, the HealthPro 250 has been named the “Best Buy” in the premium home air purifier category.

**Consumers Digest “Best Buy” Award 2011** (HealthPro 250). The IQAir HealthPro 250 has once again been named the “Best Buy” in the premium home air purifier category.

**Consumers Digest “Best Buy” Award 2007** (HealthPro 250). The HealthPro 250 room air purifier has received Consumers Digest’s prestigious “Best Buy” award – being named the top product in the premium category. The magazine calls the HealthPro 250 “the Cadillac of air purifiers” and give it their top recommendation for “families with significant allergy considerations.”

**Consumers Digest “Best Buy” Award 2004** (HealthPro 250). The magazine found the IQAir HealthPro 250 to be “ideal for allergy sufferers” and praised its ability to clean the air in large spaces.



**Reviewboard Magazine’s “Best Buy” Award 2013** (New Edition HealthPro 100, HealthPro 250 and GC MultiGas). For the first time ever, Reviewboard Magazine awarded a triple “Best Buy” to a single brand.



**Parent Tested, Parent Approved (PTPA) “Winner” 2013** (HealthPro Series). Independent PTPA parent volunteers evaluated the New Edition air purifiers in their own homes to ensure that the award was based on merit and consumer experience, not on commercial considerations.

**Consumer Search “Best Air Purifier Overall” Award 2011** (HealthPro 250). The HealthPro 250 room air purifier has been named the “Best Air Purifier Overall” by Consumer Search, who based its award on the system’s ability to provide high-performance air filtration for large rooms, for its superior odour and chemical removal and for effectively removing allergens. The IQAir system was also rated the best choice because, unlike many air purifiers, it does not emit ozone.

**Parent Tested, Parent Approved (PTPA) “Winner” 2010** (HealthPro 250). The IQAir product was praised as the “world’s most advanced room air purifier” by the PTPA, who coordinate a network of more than 20,000 parent volunteers. PTPA tests and reviews new products from more than 500 companies. PTPA’s unbiased parent testers rate products based on innovation, quality and value for money.

**Consumer Guide “Best Buy” Award 2005** (Allergen 100\*). Consumer Guide’s team of experts review thousands of products each year according to multiple criteria. The IQAir Allergen 100 received the overall mark “Excellent” and was crowned with the prestigious “Best Buy” Award designating the best value available at a reasonable price. (\* = HealthPro 100)

**Reviewboard Magazine’s “Best Buy” Award 2005** (HealthPro 250). “We have had a first here at Reviewboard. In the 8 years that we have been doing this no product in any category has ever won an Editor’s Choice Award two years in a row. Never. The IQAir HealthPro 250 has accomplished what some companies have said is impossible; they won it twice in a row.” “...it is the first product that has ever qualified for our Reviewboard.com “Best Buy” Award”.

**Reviewboard Magazine’s “Editor’s Choice” Award 2005** (HealthPro 250). “So for the second year in a row I am going to have to give the 2005 Editor’s Choice Award for best air filtration device to IQAir’s HealthPro 250 system. It is truly amazing.”

**Reviewboard Magazine’s “Editor’s Choice” Award 2004** (HealthPro 250 and GC MultiGas). “So if you are looking for the best air filtration systems for your home then the folks at IQAir have what you are looking for.” “Both of these units are top of class, they filter and push more air around your living space than any other machine we have ever tested in the eight years we’ve been in business here at Reviewboard Magazine.”

**Stiftung Warentest “Test Winner” in Test 9/98** (HealthPro 250). In the independent test by Germany’s Consumer Test Foundation the IQAir HealthPro 250 was the only device out of ten international air cleaners to receive the top mark “very good” for its removal efficiency for airborne particles.

“The IQAir HealthPro 250 model was “very good” at removing particles... That is so to say, after 15 minutes around 85% of all dirt particles of even 0.5 to 1.5 microns in size had already been removed. The [best of the other brands] only removed about half as many particles in comparable conditions. [One of the air cleaners] carries a seal of approval “suitable for allergy sufferers”. However, as the test revealed... the IQAir HealthPro 250 was even better. “

“Our advice: The best air cleaning effect for airborne particles was achieved by the IQAir HealthPro 250...”

**Newsweek Magazine** on IQAir: “We tested it [HealthPro 250] in a basement that had been collecting dust for 20 years, and after two days, that musty smell was gone.” The magazine commended the IQAir as being “designed for even larger areas, like the single floor of a house”.

**Cigar Aficionado Magazine** on IQAir: “We tested the [GC MultiGas] in less-than-laboratory, but smokier-than-average condition in the Cigar Aficionado offices, and found it performed admirably under the strain. The unit quickly cleared smoke out of a small office, and soon after the traces of cigar were unnoticeable”.

**Wired Magazine** on IQAir: “This Swiss-made model turns your house into a clean room. [The HealthPro 250] produced air that contained no particles 0.3 microns or larger. Good enough to be used by Hong Kong Hospitals during the SARS outbreak.”





Pure Air for Best Quality of Life



First in Air Quality



**10 years of collaboration with the American Lung Association:** This exclusive partner relationship combined the American Lung Association's 100-year commitment to promoting lung health with IQAir's 50-year commitment to air purification to raise awareness about the importance of good indoor air quality and effective pollution control measures.



# 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.

## 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 m<sup>2</sup>

**PreMax™ Filter:** High-capacity pre-filter (class F8) for the control of coarse and fine dust particles.  
Surface area: 2.8 m<sup>2</sup>

## HealthPro® 100



## 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 m<sup>2</sup>

**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 m<sup>2</sup>. **Wide-spectrum MultiGas™ granular media** mix for the control of a broad range of chemical pollutants and odours. Content: 1 kg

## 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 m<sup>2</sup>

**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 m<sup>2</sup>

## HealthPro® 250



## 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 m<sup>2</sup>

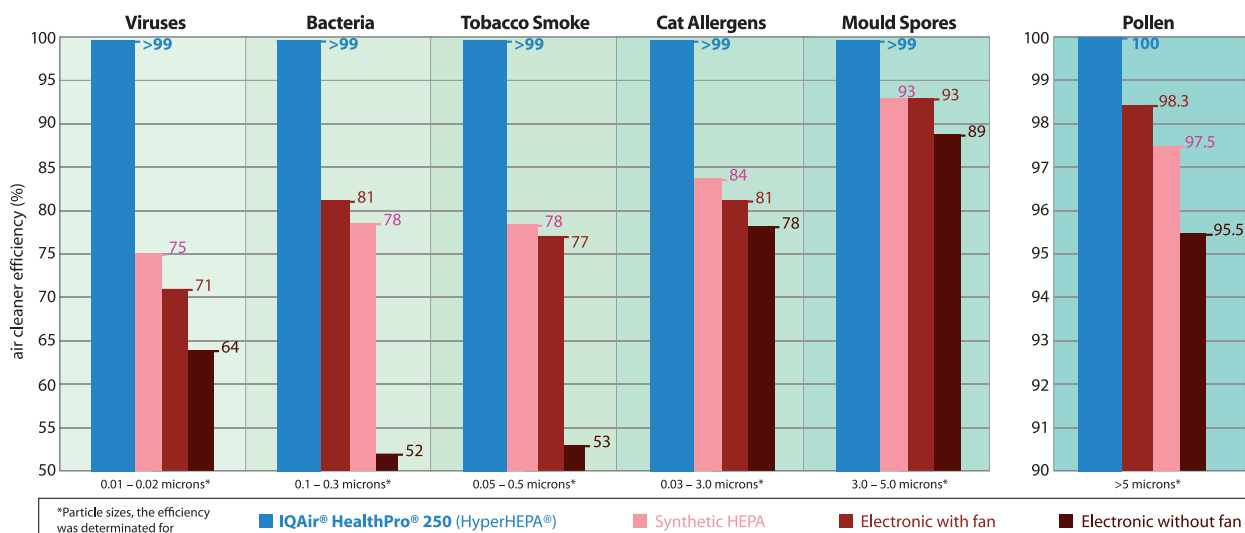
**GC MultiGas™ Cartridge Filter:** 4 Cartridges with wide-spectrum media mix (activated carbon & impregnated alumina) for the filtration of a broad range of chemicals and odours.  
Content: 5.4 kg

**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 m<sup>2</sup>

\* MPPS = Most Penetrating Particle Size = 0.124 µm

# 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 <sup>1</sup>	m <sup>3</sup> /h	50	100	170	240	310	440
Filter class	based on EN 1822	H14	H13	H13	H13	H13	H13
Sound pressure <sup>1</sup>	dB(A) @ 1 m	23	31	39	44	49	55
Power consumption <sup>1</sup>	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 <sup>2</sup>	WCK-23-50693	GB/T 18801-2022
Influenza A virus (H1N1)	virus	> 99.99 %	60 minutes <sup>2</sup>	WCK-23-50692	GB/T 18801-2022
Cat allergen (Fel d1)	allergen	> 98.34 %	60 minutes <sup>2</sup>	JKK23110035A	GB/T 18801-2022
Dog allergen (Can f1)	allergen	> 98.30 %	60 minutes <sup>2</sup>	JKK23110035A	GB/T 18801-2022
Pollen allergen (Cry j1)	allergen	> 98.29 %	60 minutes <sup>2</sup>	JKK23110035A	GB/T 18801-2022
House dust mite allergen (Der f1)	allergen	> 98.33 %	60 minutes <sup>2</sup>	JKK23110035A	GB/T 18801-2022
Escherichia coli	bacteria (gram-negative)	> 99.99	60 minutes <sup>2</sup>	JKK23110035B	GB 21551.3-2010
Aspergillus niger	bacteria (gram-negative)	> 99.99	60 minutes <sup>2</sup>	JKK23110035B	GB 21551.3-2010
Fine & ultra fine particulates	size range: 0.01 - 0.42 µm	> 99.90 %	30 minutes <sup>3</sup>	DTI-104832	AHAM AC-1-2015 (mod.)
Formaldehyde	volatile organic compound	> 97.70	120 minutes <sup>2</sup>	JKK23110035C	GB 18204.2-2014

## FILTER SPECIFICATIONS

<b>IQAir® PreMax™ F8 (S)</b> Art. No. 102 10 10 00	Media	non-woven glass microfiber PreMax™ filter (micro-pleated for high-capacity)
	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 *
<b>IQAir® V5-Cell™ MultiGas Filter</b> Art. No. 102 18 10 00	Media	MultiGas™ granulated activated carbon & impregnated alumina
	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 *
<b>IQAir® HyperHEPA® (L) Filter</b> Art. No. 102 14 14 00	Media	hospital-grade glass microfiber HyperHEPA® filter (micro-pleated for high-capacity)
	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: <b>H14</b> (≥ 99.995% @ ≤ 70 m³/h); <b>H13</b> (≥ 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

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

## 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

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

<sup>1</sup>tolerances: airflow  $\pm 10\%$  ( $\pm 10\text{ m}^3/\text{h}$ ); power consumption  $\pm 10\%$ ; sound:  $\pm 3\text{ dB(A)}$ 

<sup>2</sup> test performed in a 30 m<sup>3</sup> test chamber at fan speed 6

<sup>3</sup> test performed in a 20 m<sup>3</sup> test chamber at fan speed 6

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