

# IQAir® HealthPro™ Series

with EN 1822 Certification

*Take Air Cleaning  
to the Highest Level*



# The IQAir® HealthPro™: Leading

## Airborne Allergen Control

Many of us are sensitized to airborne allergens and irritants. Allergens have various indoor sources, like pets, plants, fungi spores and house dust mites. The Environmental Protection Agency (EPA) estimates that the air in our homes and offices is two to five times as polluted as outdoor air. Since we spend over 90% of our time indoors, controlling airborne allergens and irritants indoors can make a significant contribution towards reducing our overall exposure.



The first steps in any allergy and asthma avoidance strategy is to identify and control the sources of allergens. Unfortunately, this is not always possible or practical to control

allergen sources. That's where a high-performance air cleaner can make an important contribution. A good air cleaning device systematically filters the air in your home or office, helping to remove allergens and other irritants before you inhale them.



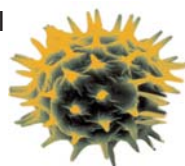
But with so many different air cleaners out there, how do you evaluate which air cleaner is best for you? Information about air cleaners is not readily available, and when it is, it's often confusing and misleading.



IQAir believes in giving you detailed and accurate information on our advanced air cleaners. We are confident that when you take a closer look at

IQAir's certified

performance and guarantees, you'll know exactly why the HealthPro is the air cleaner for you.



## Not All Air Cleaners Are Created Equal ...

... and not all air cleaners produce the same clean air results. The ability to capture and retain microscopic particles varies widely among ordinary air cleaners, including true HEPA air cleaners. The HealthPro is so efficient in removing these particles that even sophisticated measuring equipment, using laser technology, will find virtually no particles in the HealthPro's clean air stream.



## Actual, Not Just Theoretical Efficiency

Efficiency statements of many air cleaners look impressive at first glance. Air cleaners with HEPA (High-Efficiency Particulate Arrestance) filters often advertise efficiencies of 99.97% for particles of 0.3 microns (that's about 240 times smaller than the width of a human hair) and larger. However, these claims are based on the theoretical efficiency of the HEPA filter material used and not the actual clean air produced by the air cleaner. System leakage and inferior construction can reduce the actual particle filtration efficiency, also known as entire system efficiency of HEPA air cleaners, to less than 70%.

# ing Airborne Allergen Control

## IQAir - The Choice of Hospitals, Laboratories & Clean Areas

With a solid 40-year history in providing clean air solutions, IQAir has the experience and technological capabilities to produce air cleaning devices of the highest caliber. Hospitals, laboratories and medical device manufacturers around the world rely on our air cleaners to maintain the exacting standards required in these critical environments.

While a significant business focus remains on these medical and commercial sectors, IQAir recognizes the need for professional grade products for people in their homes and offices.

IQAir uses the same principles for all customers, whether our air cleaners are used in a hospital, laboratory or in your personal residence or workspace.

The IQAir HealthPro is simply a superior solution for people who expect maximum performance from their air cleaners. Now you can have the same uncompromising professional standards in your own home or office.



Hospitals, laboratories and controlled environments around the world use IQAir devices for their air quality needs.

## Swiss Precision & Quality

Each IQAir device is engineered and built in Switzerland. Each unit is an example of Swiss precision-engineering, superior craftsmanship and continuous research and development (much like fine Swiss watches).

The advanced nature of the IQAir product line is documented in numerous patents, which have been granted or are pending in the United States, Europe and Asia. These patents cover the revolutionary modular housing design, filter design and the sophisticated controls.

In our state-of-the-art Swiss production facility, skilled technicians assemble each device with great attention to detail. Only the finest machinery and components are used to build HealthPro air cleaners. While many air cleaner manufacturers buy filters from mass-market suppliers, at IQAir we build each and every filter ourselves. As a result, we have total control over the quality and always remain at the cutting edge of high-performance air cleaning technology.



# The IQAir® HealthPro™ : Because You

## Experience the HealthPro Difference

### EN 1822 Tested & Certified

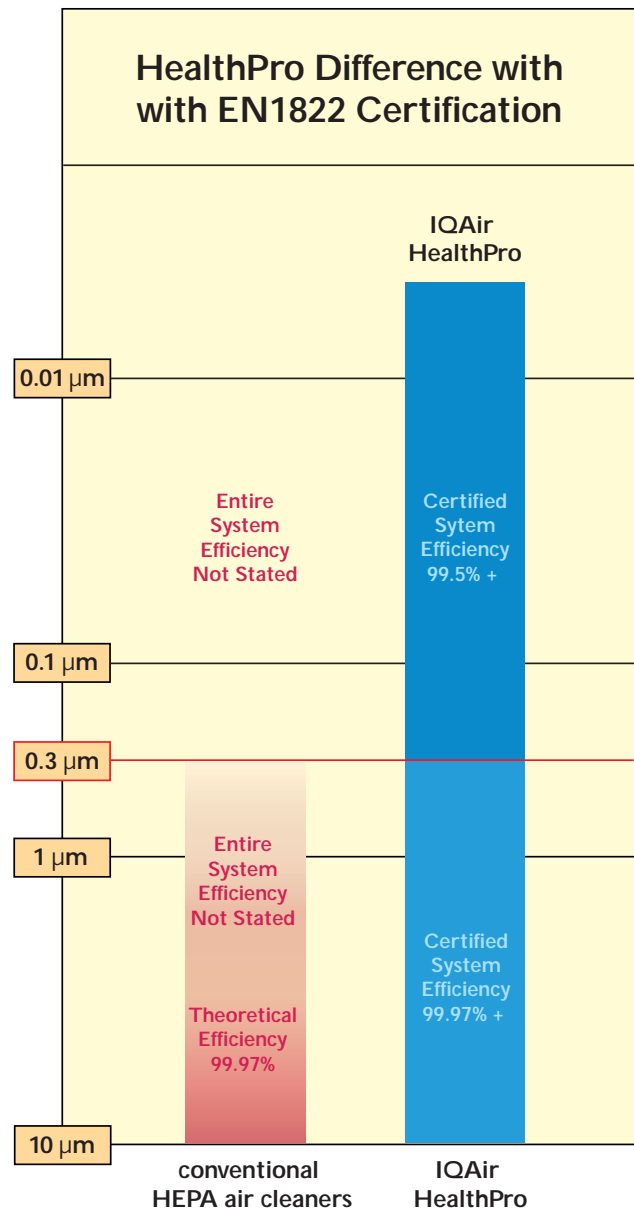
The current 0.3 micron DOP test for HEPA filters was developed in the 1950s. This testing standard is outdated, as it only tests filters at 0.3 microns. While a HEPA filter may filter out 99.97% of particles at 0.3 microns, it may filter significantly less at smaller particle sizes. This size range is very important since over 90% of all particles are smaller than 0.3 microns.

Released in the year 2000, EN 1822 is the world's most advanced and stringent air filter standard for HEPA filters. IQAir's HyperHEPA filter elements are currently the world's first filters in an air cleaner to have been type-tested inside the IQAir housing by an independent filter testing laboratory (Filtech Laboratories, Switzerland). Many hospitals and high-tech manufacturers, such as Intel, already require their filter suppliers to supply them with EN 1822 certification.



The EN (European Norm) 1822 is a two part test, which identifies the particle size that penetrates the HEPA filter most easily and its efficiency. The first part of the test determines which size particles penetrate most easily through the HEPA media, e.g. 0.16 microns for the HyperHEPA filter. Part 2 of the EN 1822 test uses a test rig to determine the HEPA filter's efficiency at the most penetrating particle size (e.g. 0.16 microns). This creates an absolutely worst case scenario for the filter.

IQAir's guarantee is simple: we guarantee that every HealthPro captures and retains at least 99.97% of all particles equal to or larger than 0.3 microns *and* at least 99.5% of all particles smaller than 0.3 microns. Our efficiency guarantee even applies to particles the size of viruses, usually some 30 times smaller than 0.3 microns, the traditional HEPA reference point. With this guarantee, you can rest assured that even the smallest of allergens are filtered and retained with at least 99% efficiency. Guaranteed.



Unlike conventional HEPA air purifiers, the HealthPro guarantees entire system efficiency - not just the theoretical efficiency of HEPA filters under ideal conditions.

# You Deserve an Air Cleaner This Good

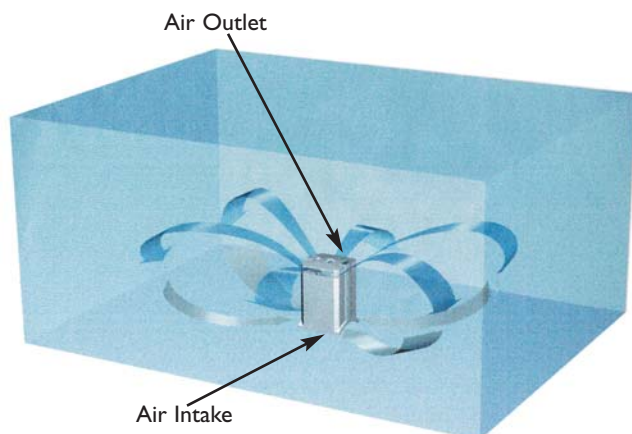
## IQAir Worldwide Users

IQAir air cleaning systems are used in over 50 countries on all continents in a great variety of environments. Here are some of the companies and institutions that use or have tested our systems:

German Allergy & Asthma Society, Bonn, Germany  
Harvard University, Cambridge, Massachusetts, USA  
Kamillianer Krankenhaus (Clinic for Allergy & Asthma Sufferers), Mönchengladbach, Germany  
Lungenliga (Lung Association), Zürich, Switzerland  
Merlin Park Regional Hospital (Operation Room), Galway, Republic of Ireland  
Massachusetts Institute of Technology (MIT), Boston, Massachusetts, USA  
National Cancer Institute, Bethesda, Maryland, USA  
New York University Downtown Hospital (Burn Ward), New York, USA  
Royal Free & University College Medical School (Oncology Ward), London, United Kingdom  
St.Vincent Hospital (Oncology & Liver Transplant Ward), Dublin, Republic of Ireland  
University Health Network, Toronto, Canada  
Pentagon, Washington, D.C., USA  
Proctor & Gamble, USA  
Hoffmann-Laroche AG, Grenzach-Wyhlen, Switzerland  
Merck Sharp Dohme, Istanbul, Turkey  
Central Hospital of Hedmark (Paediatric Dept.), Hamar, Norway  
Charité-Virchow Klinikum Berlin (Paediatric Dept.), Allergy Research Team, Berlin, Germany  
College of Akershus Research Laboratory, Bekkestua, Norway  
Stiftung Warentest (Independent Consumer Product Test Foundation), Berlin, German  
University of Heidelberg, Institute of Hygiene & Medical Microbiology, Heidelberg, Germany

\* two air cleaning devices were successfully used during the first latin american artificial heart implant operation in 1998.

## Ideal Airflow Circulation Pattern



The unique design of the HealthPro air cleaner also helps to prevent shortcutting. Shortcutting occurs when the air outlet and air intake are positioned close to one another, resulting in filtered air being constantly re-filtered.

With its air intake and air outlet at opposite ends, the HealthPro features an ideal airflow circulation pattern. This ideal airflow pattern creates enough air to filter a room up to 1,000 square feet, without causing annoying air drafts.

# Top 10 Benefits of the Ultir

## 1 EN 1822 Certified & Tested

The IQAir HealthPro is the first residential air cleaner to pass the world's most stringent HEPA filter test - EN 1822. Used in laboratories and hospitals, IQAir brings certified performance to your home or office. With IQAir's EN1822 certification, you can rely on your HealthPro to hold back up to 100 times more allergens and more pollution particles than conventional HEPA air cleaners.

## 2 Certificate of Performance



The HealthPro uses the highest quality German engineered, high-performance fan available. Our centrifugal, backward curved fan has an astonishing 700 cfm rating. Its 2950 rpm make it the most powerful fan in its class. Because each fan is individually balanced and uses steel ball bearings, it will give you reliable quality performance for many years to come.

## 3 Superior Air Delivery Rates



The HealthPro uses the highest quality German engineered, high-performance fan available. Our centrifugal, backward curved fan has an astonishing 700 cfm rating. Its 2950 rpm make it the most powerful fan in its class. Because each fan is individually balanced and uses steel ball bearings, it will give you reliable quality performance for many years to come.

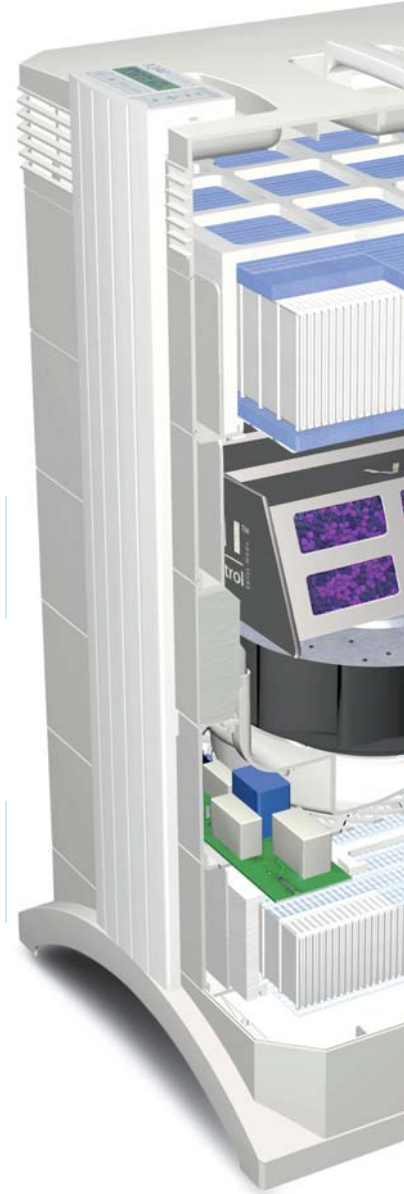
## 4 Advanced Gas & Odor Removal



The IQAir HealthPro Plus features the V5-Cell Filter (patent pending) - the most advanced gas and odor filter available in a residential room air purifier. It features five filtration chambers with a unique blend of activated carbon and impregnated active alumina.

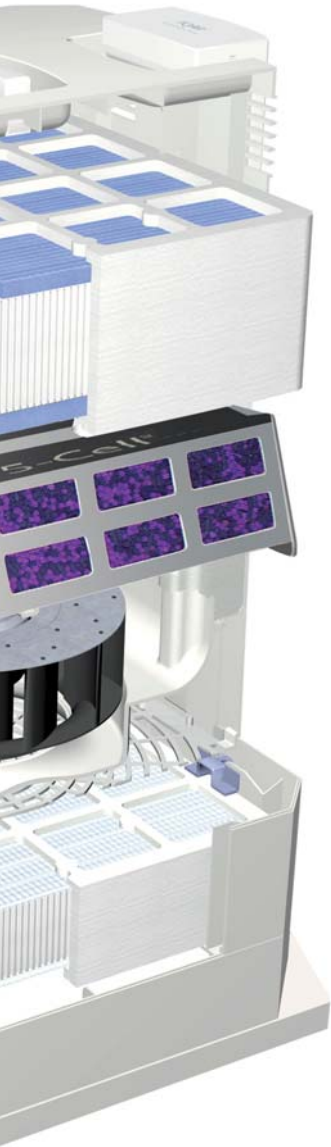
## 5 Sophisticated Control Options

- **Six Speed Settings** - Most air cleaners provide only two or three fan speed settings. This often leaves you with two choices. Either you run the unit at a quiet, but ineffective fan speed, or you choose a more powerful, but too noisy speed. The HealthPro gives you the choice of six fan speeds, allowing you to select the ideal performance-to-sound ratio.
- **Integrated Timer** - Program the HealthPro to turn itself on and off based on your lifestyle. Set the unit to run during office hours or program it in your bedroom to go on after you have reached deep slumber.
- **Remote Control** - Permits on/off, fan speed selection and timer activation from as far as 30 feet away.



Replace all filters in sec

# imate Air Cleaning Machine



Internal View of the IQAir HealthPro Plus



## 6 Ultra Quiet Design

With its large fan motor, the HealthPro produces more clean air with less noise. Unlike most air cleaners, which have the fan motor located after all filter stages, the HealthPro has the fan in the center, in-between its noise absorbing filters. We've also created a unique double-walled housing design and gone to the trouble of adding 8 vibration-absorbing rubber pads. The results are impressive. The HealthPro is suitable for even the most noise sensitive environments and virtually inaudible on the low fan speed settings.

## 7 Save Money on Filters

- **Independent Filter Stages** - Conventional air cleaners often combine several filter types in one filter cartridge. As a result, the whole cartridge has to be replaced even if only one filter type is used up. The IQAir HealthPro has a modular design, which allows each filter type to be replaced individually, saving you money in the process.
- **Intelligent Filter Life Monitor** - Ordinary air cleaners let you guess when to replace filters. Or they build in an automatic timer that lights up after a set period when they want you to replace your filters. IQAir's intelligent filter life monitor takes actual use, speed settings and air quality conditions into account. You'll know the remaining filter life of each individual filter, down to the hour.
- **Super Efficient Pre-Filter** - The HealthPro features the most efficient pre-filter of any household air cleaner. Most air cleaners use pre-filters with particle efficiencies well below 20%, which causes a great strain on the HEPA filter. The HealthPro's pre-filter retains over 90% of the particle weight in the pre-filter, allowing the HyperHEPA filter to last up to 5 times longer than similar filters in ordinary air cleaners.



## 8 Low Energy Consumption

Even though it's extremely powerful, the HealthPro is also energy efficient. This is achieved with one of the most efficient fans in the industry and an electrical design that reduces energy consumption. This ensures that your HealthPro costs only pennies per day to use.

## 9 No Air Drafts

Most air cleaners return the air through a small outlet, which creates annoying air drafts and noise. The HealthPro is designed to avoid air drafts. It evenly disperses the clean air through a large 320° vented diffuser, so you will always feel comfortable.



## 10 Swiss Quality

With its sculptured design, the HealthPro enhances the decor of any home or office. Unlike low grade plastics used in some air cleaners, IQAir's housing materials are impact resistant, contain no heavy metals, air halogen-free and don't off-gas. Engineered and manufactured in Switzerland, the IQAir HealthPro is the result of superior craftsmanship and continuous research and development.



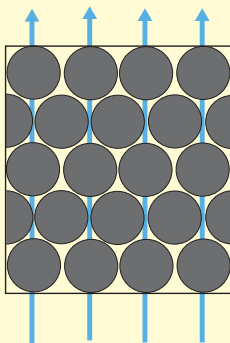
# Selecting Your IQ

## Air Delivery & V5-Cell™ Gas Phase Filtration

### What You Need to Know about Air Delivery Rates

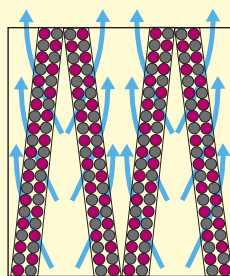
To be effective, an air cleaner must clean the air in a room several times per hour. The amount of air that an air cleaner filters is called its air delivery or airflow rate. Many manufacturers make misleading statements about air delivery rates. Some state the fan's free-flow capacity without filters installed. When filters are installed, it is not uncommon for actual air delivery to be less than 30% of the fan's free-flow capacity. Even when manufacturers state the airflow rate with all filters installed, their air cleaner's actual airflow is often significantly lower. This is due to optimistic guesswork and "best-case-calculations" rather than factual, scientific measurements.

#### Restricted Airflow



Activated carbon filters in many air cleaners restrict the air flow, which results in less air being cleaned.

#### Maximized Airflow



The V5-Cell Gas & Odor Filter in the HealthPro Plus consists of five V-shaped media pockets, which allow more air flow and better gas and odor removal.

IQAir gives you peace of mind. We address these typical misconceptions by certifying and guaranteeing the actual air delivery rate of each and every HealthPro air cleaner.

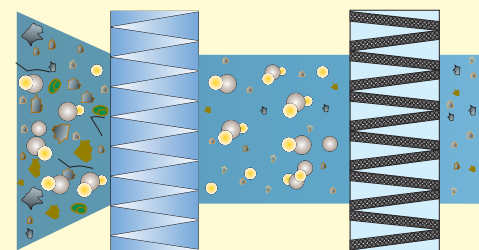
### Gas Filters & V5-Cell™ Technology

Many conventional air cleaners feature one of two types of filters for gases and odors. The least efficient consist of activated carbon pads where carbon dust is glued to the surface of a synthetic fiber pad. The second type, granular carbon, is more efficient in absorbing gases and odors. Unfortunately, granular carbon drastically reduces the airflow capacity of air cleaners, making them less effective in improving overall indoor air quality.

The HealthPro Plus uses revolutionary V5-Cell technology to provide superior removal of gaseous pollutants and odors. Rather than just using common activated carbon, the V5-Cell uses a special five pound blend of broad-spectrum gas and odor control media. As a result, the HealthPro Plus is able to trap a broader range of gaseous contaminants and odors than conventional room air purifiers. The V-shaped media chambers allow for higher airflow than comparable units.



IQAir's modular design takes advantage of independent multi-stage filtration.



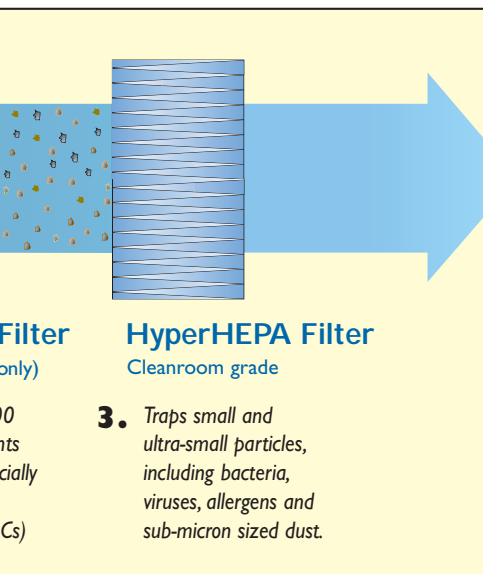
#### Pre-Filter

#### Gas & Odor Filter (HealthPro Plus)

1. Eliminates over 90% of all the particle mass. This prolongs the life the subsequent filters.
2. Adsorbs over 200 gaseous pollutants and odors, especially volatile organic compounds (VOCs).



Each filter stage is contained in a separate filter element (HealthPro Plus pictured).



## Which HealthPro Model is Right for You?

IQAir makes the HealthPro available in two models: one with particulate filtration and the other with additional V5-Cell gas phase filtration. The patented, modular design of the HealthPro gives you the option to add or remove the gas phase filter at any time. The HealthPro offers unparalleled performance for those who desire the best air cleaner available.

### HealthPro: For Allergy Sufferers

The standard HealthPro is recommended for allergy sufferers who don't have any particular need for gas or odor control. Instead of an activated carbon filter the HealthPro features a pressure equalization chamber between the fan and HyperHEPA filter to maximize air delivery (see Hourly Air Change Chart). It is also more economical since there is no gas and odor filter to replace.

### HealthPro Plus: For Asthma Sufferers

In addition to the filtration provided by the standard HealthPro model, the HealthPro Plus contains a V5-Cell gas phase filter for the control of gaseous contaminants and odors. The HealthPro Plus is especially recommended to asthma sufferers, since their respiratory systems are often sensitized to gaseous irritants, as well as allergens.

### Filtration-Spectrum:

HealthPro Plus	
<b>HealthPro</b>	Particles <i>plus</i> gases & odors
Particles, such as	
<ul style="list-style-type: none"> <li>• Dust</li> <li>• Pet dander</li> <li>• Bacteria</li> <li>• Viruses</li> <li>• Pollen</li> <li>• Mold spores</li> <li>• Soot</li> <li>• Dust mite allergens</li> </ul>	<ul style="list-style-type: none"> <li>• Tobacco odors</li> <li>• Pet odors</li> <li>• Cooking odors</li> <li>• Paint fumes</li> <li>• VOCs</li> <li>• Smog</li> <li>• Ozone</li> </ul>

The standard HealthPro model excels at particulate filtration. Looking for clean air solutions for particles, odors & gases? Then select the HealthPro Plus model.

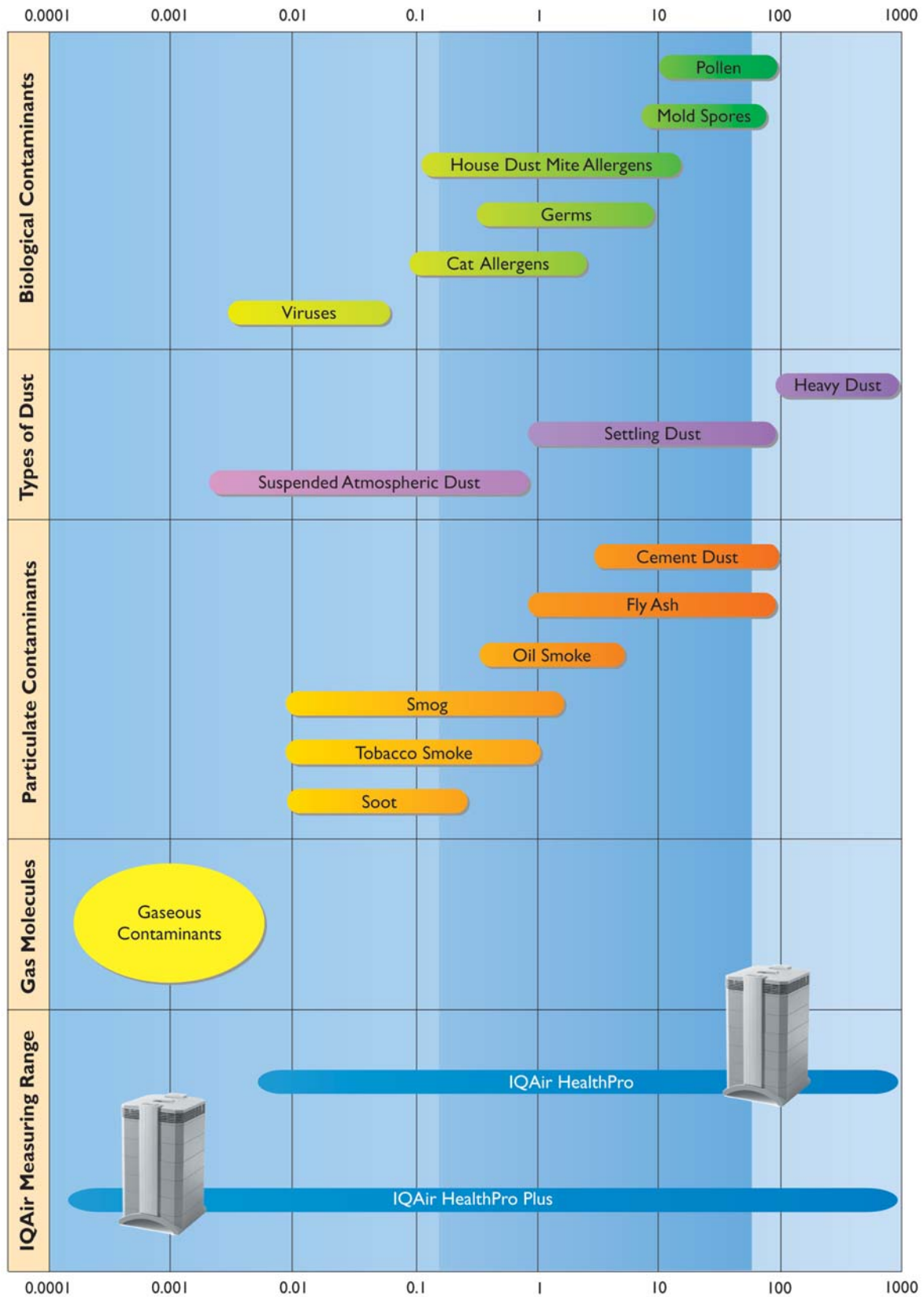
Hourly Air Change Comparison Chart		
Room Size	HealthPro Air Changes at 280 cfm	HealthPro Plus Air Changes at 260 cfm
9' x 12'	19.4	18.1
14' x 16'	9.4	8.7
20' x 22'	4.8	4.4

Hourly air changes based on highest speed setting and ceiling height of 8'.

## You'll Love Your HealthPro

The HealthPro is built for reliable performance for years to come, complete with the highest quality guarantees. Our 40-year history stands behind our products. The HealthPro offers unparalleled performance that you'll love.

# HealthPro & HealthPro Plus Filtration Range



The standard HealthPro model controls dust, particulates and biological contaminants. The HealthPro Plus does the same job and also controls many odors and gaseous pollutants found in homes and offices.

# U.S. Technical Specifications for HealthPro & HealthPro Plus


General	
HealthPro air delivery per fan speed*	1: 30 cfm 2: 60 cfm 3: 90 cfm 4: 140 cfm 5: 150 cfm 6: 260 cfm
HealthPro Plus air delivery per fan speed*	1: 30 cfm 2: 60 cfm 3: 90 cfm 4: 120 cfm 5: 140 cfm 6: 240 cfm
Entire system efficiency for particles	0.3 microns and larger: at least 99.97% smaller than 0.3 microns: at least 99%
Energy consumption & power requirements	1: 85 w 2: 120 w 3: 150 w 4: 170 w 5: 205 w 6: 215 w 115V, 50-60Hz
Dimensions & net weight (incl. filters)	H 28" x W 15" x D 16" HealthPro: 29 lbs HealthPro Plus: 35 lbs
Warranty	5 years on unit including fan motor, excluding filter elements
Filters	
Filter Configuration HealthPro	1: Pre-filter 2: Cleanroom grade HyperHEPA filter
Filter Configuration HealthPro Plus	1: Pre-filter 2: V5-Cell gas & odor filter 3: Cleanroom-grade HyperHEPA filter
Pre-filter	
Media type & filter area	ASHRAE 85% high accumulation media, 55% efficiency at 0.3 microns, 25 sq.ft area
Purpose	Control of coarse and fine dust to prolong life of fan motor and subsequent filters
V5-Cell gas phase filter (HealthPro Plus)	
Media type & weight	5 lbs. of activated carbon and alumina impregnated with potassium permanganate
Purpose	Control of wide range of gaseous contaminants, including VOCs and odors
HyperHEPA filter	
Media type & filter area	99.97% DOP (0.3µm) media, mini-pleat with solvent-free separators, 40 sq.ft area
Purpose	Control of very fine particles; allergens, bacteria and viruses
Filter frame material	Expanded polystyrene (EPS), CFC-free
Average filter life	Pre-Filter: 6-18 months† V5-Cell filter: 1-2 years† HyperHEPA filter: 2-4 years†
Housing	
Housing material	ABS (UV-stabilized), non-offgasing, high-impact resistant
Color of main housing/arms	Light grey/white
Air intake & air outlet design	Openings at base of unit, top diffuser with horizontal 320°, 77 sq. inch opening
Fan	
Fan motor	700 cfm, 2950 rpm, centrifugal, backward curved, ball bearings, UL/CSA registered
Electronic Control Panel	
Control panel	Four-key touch pad, 16 character x 2 line LCD
Status & indicator controls	Timer Status LED, Filter Life Status LEDs, Fan Speed Indicator LEDs
Display languages	English, French, German, Italian, Spanish
Key features	Filter life monitor, air delivery display, programmable timer
Accessories	Standard: remote control, wheels Optional: Wall mount, ventilation ducting

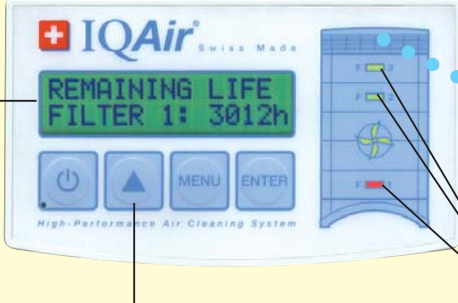
Technical specifications may be changed without prior notice.

\* Tolerance plus/minus (5% + 6) cfm with all filters installed  
 † Based on 10 hours usage per day on speed setting 3

## Advanced Controls


**Intelligent Filter Life Monitor**  
Tracks life of each separate filter to maximize performance and yield. It calculates remaining filter life up to the hour.

**Automatic Timer**  
  
The automatic timer allows the unit to be programmed to turn on and off at specified times and days.



**Six Fan Speed Settings**  
Allow you to select the most suitable performance/sound ratio.

**Remote Control**  
For convenient operation from up to 30 feet away.



**Indicator LEDs**  
Alert you when it's time to replace filters.

## IQAir Achievements & Awards

 <p><b>EN 1822 CERTIFIED H12/13</b></p> <p>Independent testing conducted by Filtech Laboratories, Switzerland. March 2002</p>	<p><b>Clinical Trial</b></p> <p>Clinical effects of high-performance air cleaners (IQAir) and mattress covers in homes of asthmatic children and adolescents sensitized to cat or dog allergens</p> <p>Trial Period January 2000 - January 2001</p> <p>Joint German and Norwegian Project</p> <p>Pediatric Department Charité Virchow Clinic, Berlin</p> <p>Pediatric Department Central Hospital of Hedmark</p>	<p><b>STIFTUNG WARENTEST</b></p> <p><b>GUT</b></p> <p>filtration of particles: "very good"</p> <p>filtration of gases: "good"</p> <p>9/98 <b>test</b></p>	 <p><b>Awarded Two US Patents</b> The revolutionary housing design, the unique filter construction and the advanced sealing system have received two US Patents.</p>
<p><b>EN 1822 Certified</b> The HealthPro is the world's first residential air cleaner to pass the world's most stringent filtration test - EN 1822.</p>	<p><b>Used in Asthma Clinical Trial</b> IQAir has been selected as the sole air cleaner for the world's most comprehensive clinical asthma trial.</p>	<p><b>Top Consumer Test Rating</b> Germany's independent consumer products testing agency rates the IQAir HealthPro the best air cleaner for allergen removal.</p>	<p><b>Awarded Two US Patents</b> The revolutionary housing design, the unique filter construction and the advanced sealing system have received two US Patents.</p>

**5 Year Warranty**

The IQAir HealthPro is an investment in clean air for many years to come. IQAir is proud to cover the HealthPro in the United States and Canada for a full five (5) years against defects in parts and labor. Filters are consumables and exempt from this warranty.

Contact your IQAir Authorized Dealer for more information:

**Solutions For Healthy Living**  
(800) 578-5939

[www.SolutionsForHealthyLiving.com](http://www.SolutionsForHealthyLiving.com)

 **S w i s s M a d e**

The indoor air quality (IAQ) improvements that can be achieved with IQAir units depend not only on the system performance, but also on factors which are specific to the indoor environment, such as room size, type and concentration of contaminants and source intensity. Consult a qualified IAQ specialist to determine an effective and comprehensive IAQ strategy. Source control and ventilation should be considered first in solving any IAQ problem.

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