PlasmaWave technology
Cleans indoor air applying nature's air cleaning principles and supports the removal of pollutants, bacteria, viruses and mould spores.

Microbiological protection
The CleanCel® equipment of the plastic material ensures antibacterial protection thus preventing the formation of germs or mould.

Recommended for people suffering from allergies
The combination of air cleaning and air humidification is ideal for allergy sufferers. The air is freed from allergens thus preventing stirring up of dust or allergic reactions.

Constantly good air quality
The intelligent air sensor system measures odours as well as particles and continuously determines the air quality.

Highest performance
With a throughput of 750 m3/h, the AP 100 quickly and evenly cleans the air in the whole room. That is why it is ideally suited for large rooms.

Comfortable filter exchange
A filter exchange display ensures consistently good air quality. The practical filter cassette can be exchanged in a simple and quick way.

Super-silent operation
A distinctive feature of the device is its low running noise. This makes it ideal for sleeping rooms and children's rooms.

Controlled air humidification
The hygrostat automatically controls air humidification. The device releases the desired quantity of humidity into the indoor air. This constantly guarantees optimal air humidity.

Low power consumption
Energy-efficient and extremely smooth motors in combination with flow-optimised fans guarantee very low consumption values.

Integrated WIFI
Thanks to an internet connection, devices can be interconnected and all functions can also be comfortably used via smartphone at home and on the go.

IDEAL
German Technology

Our ideal model: Nature

IDEAL
ideal-health.de

Nothing is as important as clean and fresh air to breathe. We from IDEAL wish you all the best for your health. Therefore we deliver the technical answers to the challenges of our time. With technologies that come back to nature. With products under the brand name IDEAL, which has stood for quality, a good price-performance ratio, high customer benefit and sustainability at all times.

Why we need an Air Purifier?

Most of us spend our time indoor, working or sleeping. The U.S. Environmental Protection Agency (EPA) has estimated indoor air quality can be up to 100 times more polluted than outdoor. Most airborne pollutants (dust, pollen, tobacco smoke, mould spores, pathogens such as bacteria, viruses, animal dander etc) are trapped indoor. Also not forgetting numerous other chemicals such as from hairspray, paint, cosmetic, industrial machineries and so on. All these pollutants or so called particulates are so small (less than 2.5 micron) that they can easily be breathed in causing tremendous burden on our respiratory system especially the lungs. It is so common to see people showing symptoms of allergic reactions to these pollutants eg runny nose, red and teary eyes, coughing, phlegm also lethargy. Just like we need clean filtered water we too NEED good breathing air! We need a good air purifier. What you don't see is even more dangerous. As mentioned, most particulates can be smaller than 2.5 micron. One micron is one thousand times smaller than one millimetre! To give an example, human hair is around 75 micron. IDEAL air purifier, with its unique AEON Blue Technology which include true HEPA filter and Plasmawave can filter 99.97% (almost 100%) of all particulates as small as 0.3 micron! How amazing!

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IDEAL air purifiers
Breathe freely again
At home, in the office and everywhere

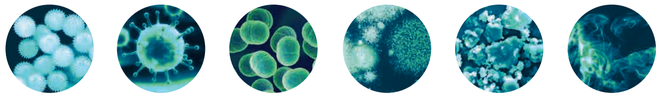
- Inspired by nature
- The cleanest air possible
- Highly recommended for allergy sufferers
- Optimized for the well being of human being

IDEAL
**At IDEAL, we want the best for your health.
Therefore we deliver the technical answers to the challenges of our time.
With technologies that come back to the ideas of nature.**

Your personal climatic spa.

We spend most of our time indoor. Our indoor air can sometimes be contaminated up to 100 times stronger than outdoor air. Our air conditioners are also major contributors of pollutants. And this has its effects on our health. Get naturally pure air into your rooms. It's very simple, quick and reliable with IDEAL air purifier.
Since with healthy air around, we feel well. The is the climatic cure for your home and office.

Common types of pollutant found indoor



Pollen & Allergens | Viruses | Bacteria | Mould Spores | Fine Dust | Smoke & Odours

Air pollution at home and in office.

We cannot see or smell it, but the indoor air is full of harmful fine particles and pollutants (eg:chemical fumes, aerosols, building chemistry, exhaust fumes, pet hair and etc). IDEAL air purifier with its unique AEON BLUE® technology produces the cleanest and highest quality of air possible.

ECARF – Recommended for people suffering from allergies
Due to its high filter quality, certified as hypoallergenic by the European Centre for Allergy Research Foundation "ECARF".

AEON Blue® technology
The multi-level cleaning system is high-tech based on natural processes. It frees polluted indoor air from up to 99.97% of pollutants before they are able to reach our airways.

HYGIENE TESTED – Suitable for the medical sector
Microbiologically and mycologically tested and also tested regarding filtering of particulate matter and other particles. No acoustical impairments due to quiet operation. Devices can easily be cleaned and disinfected.

CARB
IDEAL air purifiers are certified not to produce ozone or other harmful by-products by the California Air Resources Board (USA).

Energy Star Award
IDEAL air purifiers was given the Energy Star Award for superior energy efficiency.

AHAM
IDEAL air purifiers are tested and certified in accordance to standards set by the Association Of Home Appliance Manufacturers (AHAM).

**Ideally cleaned indoor air has a multitude of positive effects to health, beauty and well-being.
These are the benefits;**

Better health:
Strengthens your immune system and reduces allergic susceptibility.

More power:
Increases your ability to concentrate and enhance performance.

Better recreation:
Increases your well-being day and night.

Improved complexion:
A cleaner air quality will naturally improve skin health.

Reduces allergies:
Prevents allergic reactions to air particles.

Germ-free air:
Protects against pathogens in interior spaces.

Reduces odours:
Reduces unpleasant odour nuisances. To have you breathe only the purest indoor air.

Less dirt:
Minimises dirt particles in the indoor air.

IDEAL Air Purifier

Get fresh air into your home. The highly efficient IDEAL air purifiers are optimised in six sizes for rooms capacity from 15 m^2 to 100 m^2. Thus they are excellently suited for living spaces, children's rooms and sleeping rooms, offices and public areas.

IDEAL Air Purifier at a glance

DESCRIPTION / MODEL	IDEAL AP 15	IDEAL AP 30	IDEAL AP 45	IDEAL AP 40 MED *	IDEAL AP 60 PRO *	IDEAL AP 100 MED *
Plasmawave	✓	✓	✓	✓	•	✓
Prefilter	✓	✓	✓	✓	✓	✓
True HEPA filter	✓	✓	✓	✓	✓	✓
Activated carbon	✓	✓	✓	✓	✓	✓
Carbon protector	✓	✓	✓	✓	✓	✓
Medshield antimicrobial protection	•	•	•	✓	✓	✓
CleanCel antimicrobial protection	✓	✓	✓	✓	✓	✓
Sensor odour	✓	✓	✓	✓	✓	✓
Sensor dust	✓	✓	✓	✓	✓	✓
Turbo mode	✓	✓	✓	✓	✓	✓
Auto mode	✓	✓	✓	✓	✓	✓
Night mode	✓	✓	✓	✓	✓	✓
Remote control	✓	✓	✓	✓	✓	✓
Cover area (m^2)	15	30	45	40	60	100
CADR [Smoke/Dust/Pollen]	98/98/103	197/197/214	298/291/343	285/264/301	394/394/428	exceed max
Noise level [min-max] dB	26-52dB	26-55dB	27-60dB	29-56dB	19-55dB	28-56dB
Power input [min-max] watt	4 to 40	4 to 60	11-110	5 to 90	10 to 90	10-200
Dimension [H x W x D] cm	47x35x21	55x41x22	65x44x26	60x41x24	67x47x28	101x43x43
Control using WLAN & App Store	No	No	No	No	No	✓
Weight (kg)	6	7	8	8.5	15	26

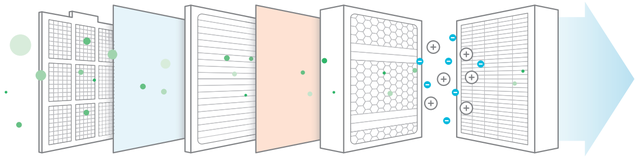
✓ yes • not available

Technical data are approximate. Subject to modifications and errors. 04/2016

* The AP40Med & AP100Med models have an extra coating of special Medshield antimicrobial protection for the filters.
* The AP60 Pro model does not have Plasmwave due to its unique and more efficient filters.

IDEAL air cleaning technology

Your indoor air must not affect your health. The AEON Blue® cleaning technology by IDEAL is high-tech based on natural processes and efficiently frees the indoor air from allergens, fine dust, viruses, bacteria, odours and chemical vapours.



1. Prefilter
Filters larger particles such as dust, lint and hair from the air – extends the life cycle of your HEPA filter.

2. CleanCel®
The plastic material of the prefilter is equipped with an anti-bacterial additive based on silver ion technique.

3. PM 2.5 Filter
Removes up to 99.9% of the ultra-fine air pollutants of a size of 2.5µm.

4. MedShield
Antibacterial coating inhibits the growth and kills bacteria or moulds within the PM 2.5 filter.

5. PlasmaWave®
Optionally selectable function for the neutralisation of pollutants, bacteria, viruses and mould spores at molecular level.

6. The OptiFlow technology
Also catches far away particles and optimally distributes the fresh air in your room.

7. HEPA fine dust filter
Highly effective filter with 99.97% filtration efficiency for particles of a size of 0.3µm.

8. High-performance activated carbon filter
Removes various odours and harmful gases such as e.g. tobacco smoke, ammonia, acetaldehyde, formaldehyde, toluol, VOCs, etc.

What is PlasmaWave?

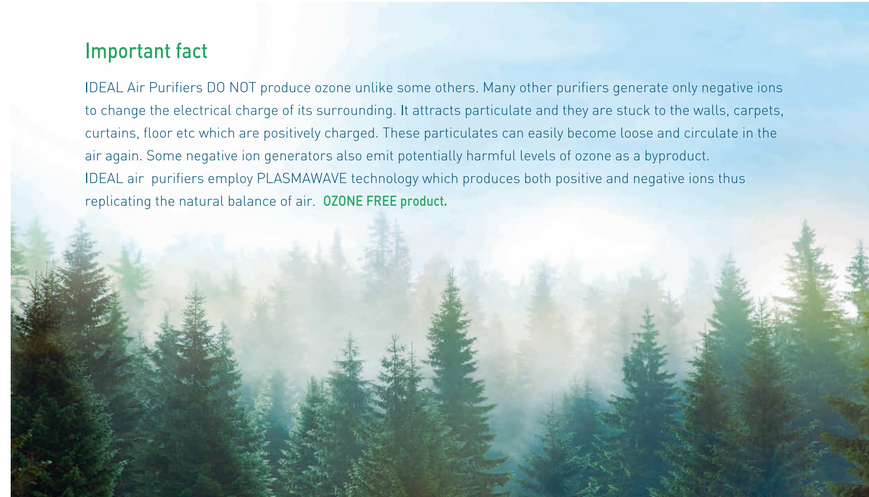
Basic Technology: As it exits the air-cleaning units, filtered air passes through a corona discharge (a type of electric pulse). This process creates BOTH negative and positive ions-which is air plasma state.

In Phase Two, the plasma combines with naturally occurring water vapour to form Hydroxyl Radicals (OH, unstable molecules stripped of hydrogen and oxygen atoms)

Hydroxyls attack airborne pollutants that include viruses, bacteria, germs, odours and chemical gases (VOCs).

The pollutants are destroyed in the process while the Hydroxyls reform into vapor (H2O) or other harmless air molecules.

Plasmawave produces NO OZONE or other harmful by-products as it emulates the way nature cleans the air.

Important fact

IDEAL Air Purifiers DO NOT produce ozone unlike some others. Many other purifiers generate only negative ions to change the electrical charge of its surrounding. It attracts particulate and they are stuck to the walls, carpets, curtains, floor etc which are positively charged. These particulates can easily become loose and circulate in the air again. Some negative ion generators also emit potentially harmful levels of ozone as a byproduct.
IDEAL air purifiers employ PLASMAWAVE technology which produces both positive and negative ions thus replicating the natural balance of air. OZONE FREE product.