

**GOOD  
AIR.  
GOOD  
LIFE.**

Ideal air hygiene through air purification.  
For better indoor air and a better quality of life.

**IDEAL**

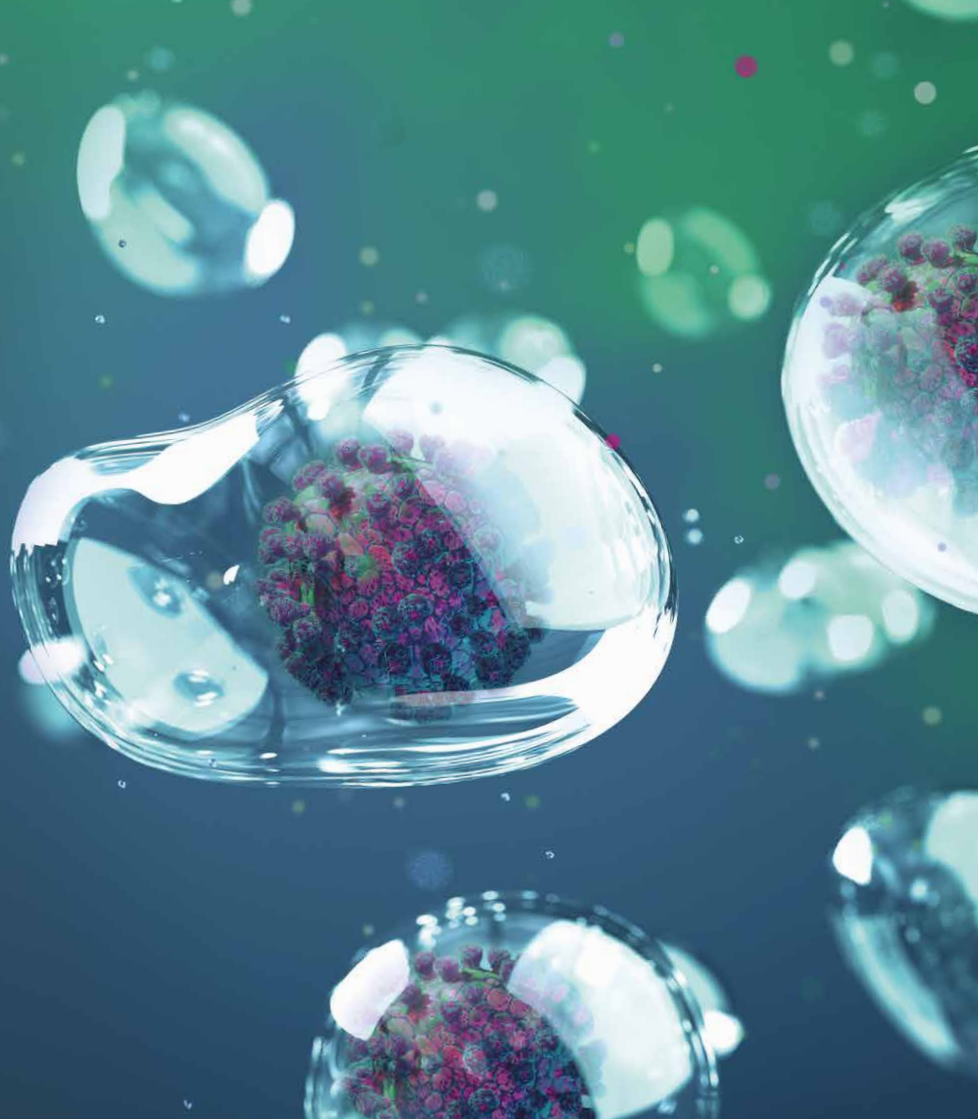
# How healthy is our ambient air?

You can't always see it or smell it,  
but our indoor air is full of fine  
particles and harmful substances.  
Bad quality air harms our health,  
performance and wellbeing.

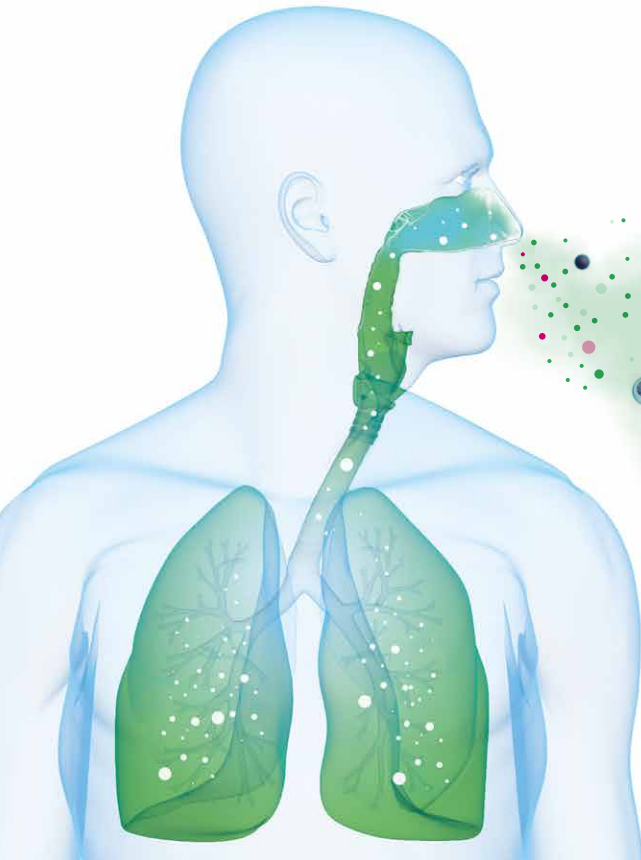


# Aerosols – the invisible risk of infection

A well-known example is droplet infection – the transmission of bacteria and viruses from the airways. Breathing, speaking, sneezing or coughing carries the pathogens through the air via tiny droplets of saliva. The smaller the droplets, the longer they stay in the air. They are carried by the airflow and form what is called an aerosol – a cluster of tiny particles which stay suspended in the air for hours and are therefore able to spread – even when the carrier is no longer in the room.



## Via the air into the lungs



With aerosols, we breathe in contaminated air and introduce pathogens into the body – we infect ourselves. Other suspended particles in ambient air can also make us sick – fine dust particles travel via the nose into the respiratory system and the lungs, and in the worst case even into the organs via the bloodstream. Possible consequences include headaches, fatigue, poor concentration and respiratory disorders. Fine particulate air pollution fosters cardiovascular diseases, lung cancer and tumours. The risk of heart attacks and strokes increases.

**FACT:**

Depending on the size of the particles, particulate matter is divided into various categories. PM<sub>10</sub> has a diameter of up to 10  $\mu\text{m}$ , there is also PM<sub>2.5</sub> with a diameter of up to 2.5  $\mu\text{m}$ , and ultra-fine particles of less than 0.1  $\mu\text{m}$  in diameter. The smaller the particles are, the deeper into your lungs they get.

# Clean air is safer

Increased safety thanks to an integrated hygiene concept: The efficient air purifiers thereby supplement and enhance protective measures such as distance, dividing walls, surface disinfection and face masks. Circulating and cleaning the air several times per hour decreases the dwell time of pollutants and reduces the amount of virulent aerosols in the ambient air. This is especially important when ventilation is not possible or practical. For the greatest possible hygiene and increased safety wherever large numbers of people congregate.

**TIP:**

Particularly powerful models are suitable for use in open-plan offices, hotels and classrooms; devices approved for use in the medical sector filter ambient air in medical practices, waiting rooms and clinics.



Keep distance



Comply with hygiene rules



Ventilate regularly



Wear a mask



Use air purifiers

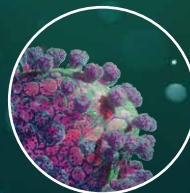
**Ideal air hygiene**  
**in the office protects**  
**employees and customers.**



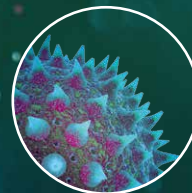


# Most air pollutants are invisible

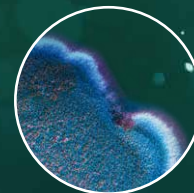
Tobacco smoke, house dust and pollen all adversely affect air quality in a visible way – but what about pathogens or mould spores? What about gases, particulate matter or vapours from electronics, furniture and carpets? They spread unnoticed – until they affect us. This is not avoided even when air conditioning is installed with good intentions – depending on where you are, it often brings new harmful substances, allergens and particles into the room, and sometimes makes the air quality even worse.



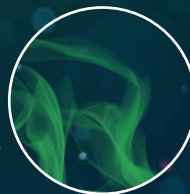
Viruses and bacteria



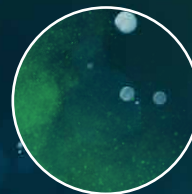
Pollen and allergens



Mould spores



Odours and cigarette smoke



Particulate matter and particles



NO<sub>2</sub>, ozone, exhausts and chemicals

## FACT:

Indoor air pollution levels can be up to 5 times higher than outdoor levels.\* As we spend on average up to 90% of our time indoors, we are regularly exposed to the effects of bad air. (\*Source: WHO)

**Even allergens cannot  
penetrate the filter.  
The air remains  
hygienic and clean.**

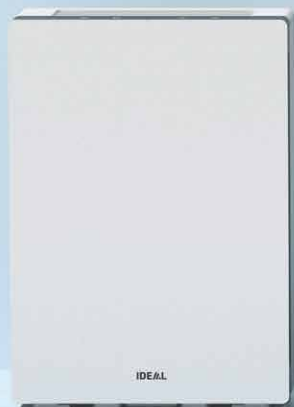




# AP PRO series

## Air treatment for your rooms

The compact high-performance air purifiers bring clean air into your daily life. Smaller models are suitable for use in living rooms, the home office and small offices as well as waiting rooms and therapy rooms. The larger units efficiently clean the air in large, heavily frequented rooms – ideal for open-plan offices, conference rooms, hotels, classrooms, restaurants and gyms.



Made in  
Germany



Super-silent  
operation



ECO-  
friendly



# 99,99%

Cleaning performance at  
0.2 µm in line with DIN 71460-1

## Best technology for clean air

IDEAL air purifiers enable you to have consistently safe air quality: They filter bacteria and viruses from the indoor air and significantly reduce their concentration. In addition, they remove allergens, pollen, particulate matter, chemicals and odours.

**What makes it so special** this filtration technology has been specially developed by IDEAL and is based on multi-layer filters which trap larger and small particles, as well as gases and molecules. This filtration technology is particularly effective thanks to its five layers: the prefilter mesh for coarse dirt, the prefilter for coarse particles, the HEPA filter for ultra-fine particles, the activated carbon layer for chemicals, nitrogen oxides, ozone and odours, and a protective cover fleece.

**FACT:**

The 360° cartridge design guarantees effective utilisation of the entire surface, as well as a high airflow rate. Once pathogens are trapped by the 360° smart filter, they can no longer be released into the ambient air and become inactive on the filter material after a short period of time.

# Intelligent sensor technology ensures permanently clean air

The intelligent sensor technology monitors and controls the air quality in the room via the associated smartphone app. The IDEAL AS10 indoor air sensor constantly measures the air composition, indoor climate and possible environmental factors: Particulate matter (PM2.5 and PM10) as well as pollen, animal hair scales and house dust, VOCs, temperature, air humidity and air pressure are measured. The data is supplied to the app in real time, which then recommends the optimal settings for the connected air purifiers.

## TIP:

The app enables flexible control. The performance of the connected air purifiers can be adapted to the air quality at any time – manually or fully automatically and, if desired, also with a timer function.



Intelligent control



Detailed measurements



Clear visualisation

# Dry air – a paradise for pathogens

The heating is turned up high in offices and residential rooms during autumn and winter months. The air does not only contain harmful substances but is also too dry. Dry heated air has a significant impact – your skin tightens, your eyes burn, it scratches your throat and your concentration suffers. And the risk of infection increases, as bacteria and viruses can remain suspended for longer in dry ambient air.

**TIP:**

Temperature, air humidity and air purity impact our personal wellbeing. Air humidifiers ensure that the indoor climate is balanced.



# AP35 H

## Air for wellbeing. The whole year round.

A healthy room climate – easily and conveniently created, everywhere and in all seasons. The combination of an air purifier and air humidifier brings clean and optimally humidified air to residential rooms and offices. The multi-layer filter technology with HEPA and deodor filter removes harmful substances, pathogens, allergens and smells from the ambient air, and the hygienic cold evaporation system ensures the right air humidity – the risk of infection decreases, allergy sufferers can breathe more freely, skin and mucous membranes are comfortable.

### TIP:

Optionally, the AP35 H can also be operated as an air purifier without water. The intelligent sensor technology continuously monitors the air quality – and controls the air purifier in auto mode.



Controlled air  
humidification



Super-silent  
operation



Intelligent air  
sensor system



**Naturally fresh air –  
the combination of an air purifier  
and air humidifier creates an  
ideal room climate.**





# AP PRO series

## Professional air purification guaranteed



	<b>AP30 PRO</b>	<b>AP40 PRO</b>	<b>AP60 PRO</b>	<b>AP80 PRO</b>	<b>AP140 PRO</b>
Ideal for room sizes* (sqm)	20 – 40	30 – 50	50 – 70	70 – 100	120 – 160
Air throughput (m <sup>3</sup> /h)	up to 310	up to 440	up to 600	up to 800	up to 1500
Air exchange rate* (min.)	10	11	12	13	13
Fan speed levels	5	5	5	5	5
Power consumption (watts)	5 – 30	5 – 75	6 – 90	6 – 175	7 – 180
Noise levels (dB)	16.7 – 54.2	16.7 – 61.7	16.5 – 56.6	18.7 – 63.4	25.2 – 60.3
Infrared remote control	—	●	●	●	●
Control with app (iOS & Android)	●	●	●	●	●
Automatic mode	●	●	●	●	●
Timer	● (via app)	● (via app)	●	●	●
VOC sensor	●	●	●	●	●
Particle sensor	●	●	●	●	●
HEPA filter	●	●	●	●	●
Activated carbon filter	●	●	●	●	option
Filter type	360° filter	360° filter	360° filter	360° filter	360° filter

\* With a room height of 2.40 m.

## IDEAL air purifiers

### Get started with air purification



	<b>AP25</b>	<b>AP35</b>
Ideal for room sizes* (sqm)	15 – 35	25 – 45
Air throughput (m <sup>3</sup> /h)	up to 250	up to 330
Air exchange rate* (min.)	15	15
Fan speed levels	4	6
Power consumption (watts)	7 – 55	4 – 30
Noise levels (dB)	25 – 57	26 – 55
Infrared remote control	—	—
Automatic mode	●	●
Timer	—	—
Ionizer	—	● switchable
VOC sensor	—	●
Particle sensor	●	●
HEPA filter	●	●
Activated carbon filter	●	● deodor filter
Filter type	flat	flat

\* With a room height of 2.40 m.

## IDEAL combined device

### Air purifier and air humidifier in one



	<b>AP35 H</b>
Ideal for room sizes* (sqm)	25 – 45
Air purifier & humidifier (2-in-1)	● as pure air purifier operable
Cleaning performance (m <sup>3</sup> /h)	up to 300
Air exchange rate* (min.)	15
Humidification performance (ml/h)	up to 300
Hygienic cold evaporation system	● evaporator cassette
Fan speed levels	6
Power consumption (watts)	4 – 25
Noise levels (dB)	26 – 52
Timer	●
4-step automatic mode	●
Ionizer	● switchable
Intelligent sensors	● particulate matter, VOC, air humidity
Air quality & humidity indicator	● Lighting elements, PM2.5 values
HEPA & deodor filter	●

For additional information  
visit **ideal.de**