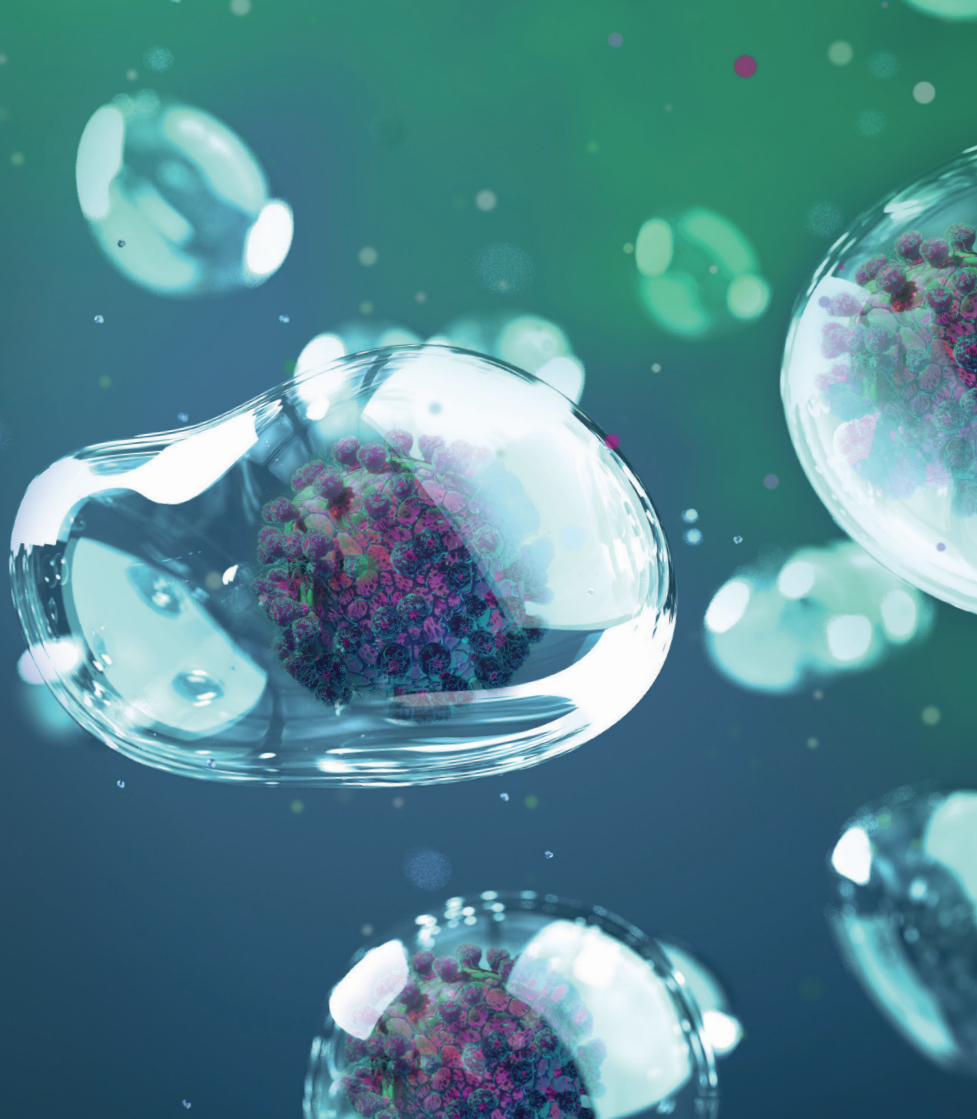
Air purifiers

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.

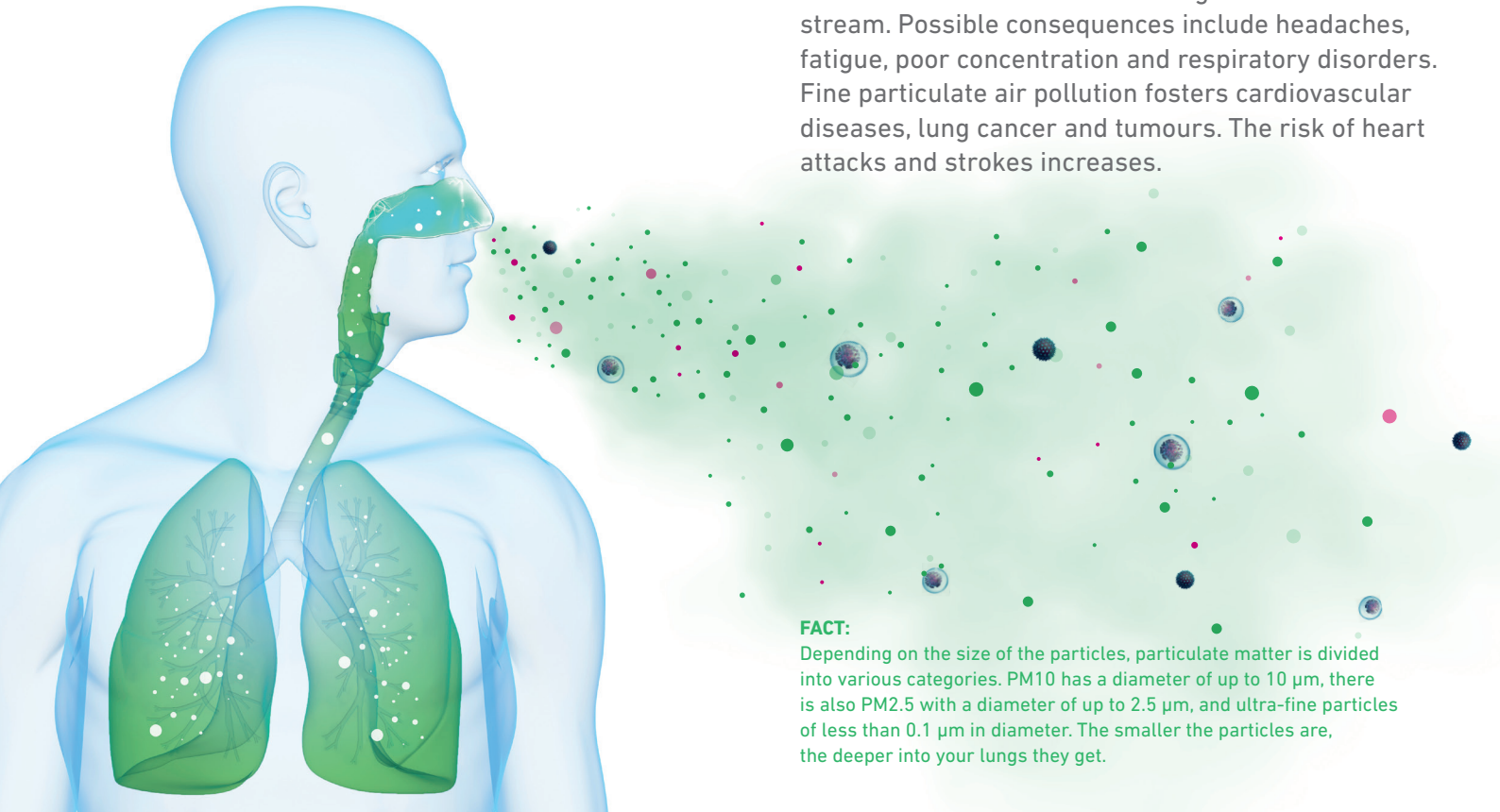
Aerosols – the invisible risk of infection



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. PM10 has a diameter of up to 10 µm, there is also PM2.5 with a diameter of up to 2.5 µm, and ultra-fine particles of less than 0.1 µm 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

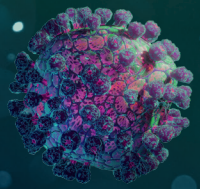
Ventilate regularly

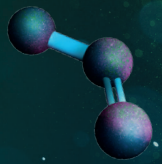
Wear a mask

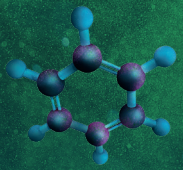
Use air purifiers

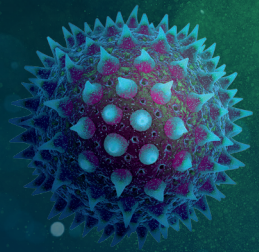
Ideal air hygiene in the office protects employees and customers.

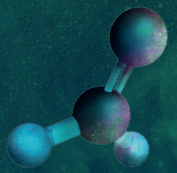
Most air pollutants are invisible

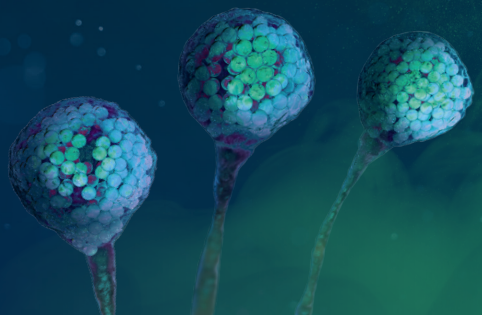












Tobacco smoke, house dust and pollen all adversely affect air quality in a visible way – but what about pathogens or mould spores? What about gases, particulate matter or vapours from electronics, furniture and carpets? They spread unnoticed – until they affect us. This is not avoided even when air conditioning 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.

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)

Viruses and bacteria
Pollen and allergens
Mould spores
Odours and cigarette smoke
Particulate matter and particles
NO_2 and ozone
Exhausts and chemicals

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

ECARF
Allergy-friendly Quality Tested
www.ecarf.org
European Centre for Allergy Research Foundation

HYGIENE TESTED
Certified for German medical Sector
acc. to VDI-directive 6022
institutschwarzkopf.de
institut Schwarzkopf

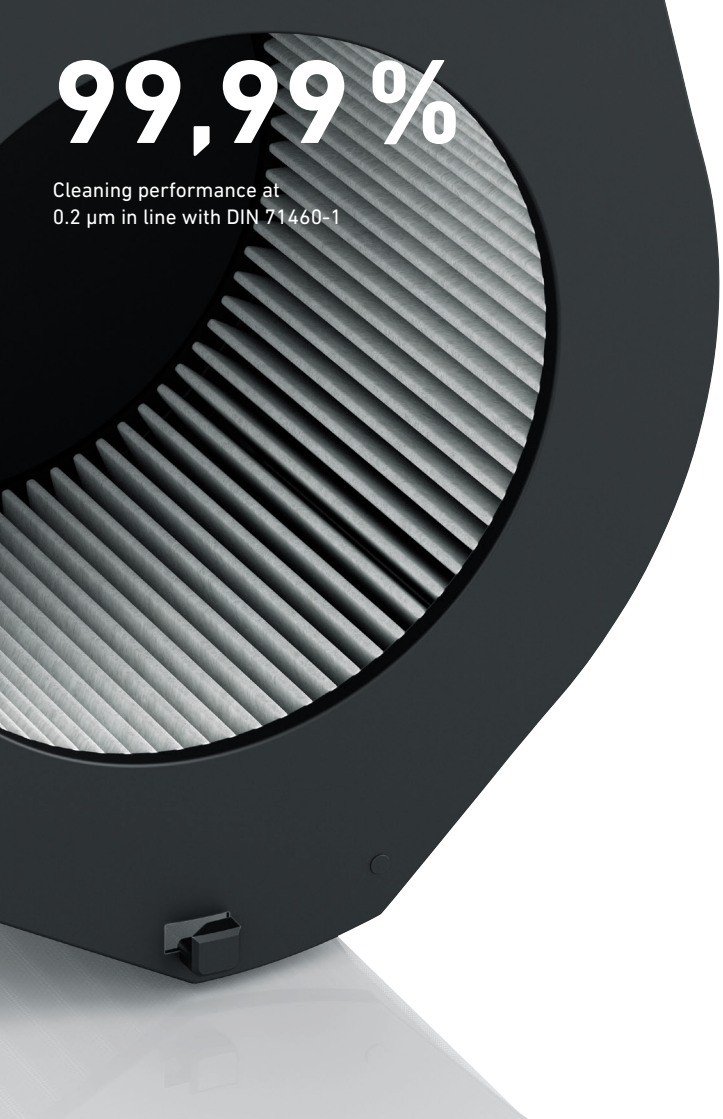
AP PRO series – Professional air purification „Made in Balingen“

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.

360° Smart filter

Super-silent operation

Max-Power



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.

AP PRO series – professional air purification guaranteed

Made in Germany





	AP30 PRO	AP40 PRO	AP60 PRO	AP80 PRO	AP140 PRO
Ideal for room sizes* (sqm)	20 – 40	30 – 50	50 – 70	70 – 100	120 – 170
Air throughput (m^3/h)	up to 310	up to 440	up to 600	up to 800	up to 1550
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	—	●	●	●	●
Automatic mode	●	●	●	●	●
Timer	●	●	●	●	●
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

	AP25	AP35
Ideal for room sizes* (sqm)	15 – 35	25 – 45
Air throughput (m^3/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.de