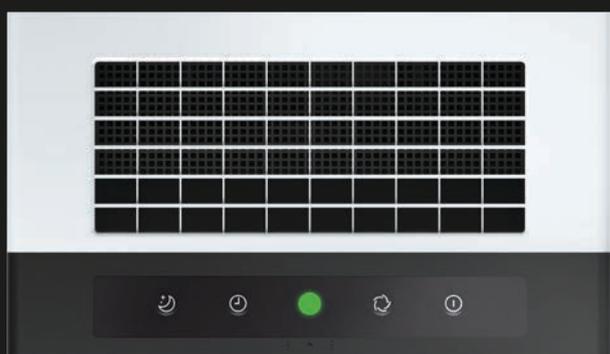
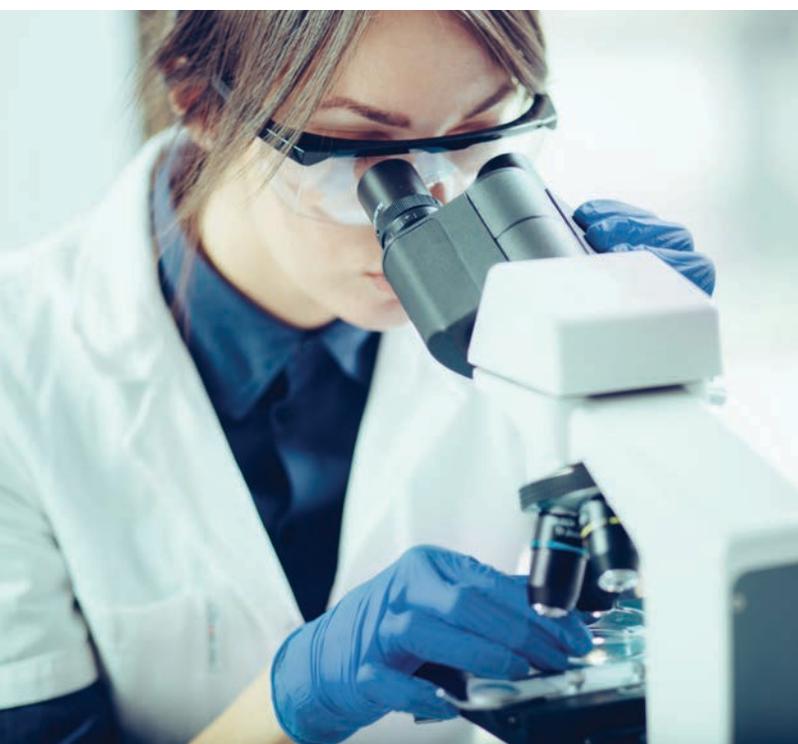


Air purifiers

Help in the fight against bacteria and viruses

IDEAL

Air purifiers reliably remove particles and pathogens such as viruses or bacteria from the room air.



IDEAL air purifiers reduce the concentration of viruses and bacteria in the indoor air

Our indoor air is full of particles and pollutants. These include not only fine dust and allergens, but also pathogens such as viruses and bacteria. IDEAL air purifiers reliably remove particles from indoor air. Bacteria and viruses are so small that they are only visible under a microscope. Which is why they are called microorganisms. Bacteria and viruses are everywhere. Both multiply rapidly and can cause illnesses. But apart from that, they don't have a lot in common.

What are viruses?

Viruses are infectious particles. They are not cells. They are not independent organisms that can replicate by themselves. Viruses are dependent on a host cell, without which they are unable to spread or even survive. Viruses are responsible for the cold, flu, AIDS, herpes, hepatitis, German measles, chicken-pox, yellow fever and measles, for example. Viruses are much smaller than bacteria (20 – 350 nm).

What are bacteria?

Bacteria are organisms which consist of just a single cell. This contains everything needed for life – the genome and cell machines. This enables them to create proteins and supply themselves with energy. Bacteria cause illnesses such as sore throats, diphtheria, cholera, whooping cough, tuberculosis, Lyme disease, for example. They have a size of 0.5 – 10 µm.

Bacterial secondary infection as a possible complication of a viral infection

When you have a cold, viruses often pave the way for bacteria. If the human body is already weakened, bacteria can establish themselves more easily, and cause pneumonia, for example. Medical examinations can be performed to determine whether it's a viral infection or whether bacteria have already taken hold so that the right medication can be prescribed.

How long do bacteria and viruses survive outside the human body?

Certain cold viruses can survive on indoor surfaces for up to seven days. The type of surface on which they are resting is the deciding factor. Both need moisture to survive. This means that the air humidity and the moisture levels on surfaces in offices and homes determine how long bacteria and viruses last outside the human body.

IDEAL air purifiers reduce the risk of infection

IDEAL air purifiers help to significantly reduce the concentration of viruses and bacteria in indoor air. They almost entirely eliminate pathogens and pollutants from indoor air – and don't release them again. The highly effective, multi-layer filters of the IDEAL air purifiers catch almost everything: Chemical compounds and molecular toxins, as well as fine and very fine particles. These also include viruses and bacteria. The filters are particularly effective against particles of MPPS size („most penetrating particle size“ of 0.3 microns in diameter) and even smaller particles of 0.1 microns in diameter.



Certified for medical facilities (in Germany). Microbiologically and mycologically tested as well as regarding filtration of particulate matter and other particulates.

Air purifiers  Made in Germany

[ideal.de](https://www.ideal.de)