

Zollernalb Clinic protects cancer patients with IDEAL air purifiers.

IDEAL

During the pandemic, Zollernalb Clinic in Balingen specifically wanted to increase protection for its cancer patients. They not only relocated the oncology department, but also installed two IDEAL AP80 PRO high-performance air purifiers in the new space to reduce the potential risk of infection. As well as being used in consultation rooms, meeting rooms and seminar rooms, the air purifiers are utilised in the shared offices. Ewald Böhm (Infrastructure department advisor) tells us about the practical value added to the clinic since these two air purifiers were introduced some six months ago.

Ewald Böhm (Infrastructure department advisor):
"To protect our cancer patients during the coronavirus pandemic, we relocated our oncology department into one of our neighbouring buildings. This is our former student residence, which we had structurally updated and renovated for late April 2021. Prior to the renovations, we tested out the IDEAL AP80 PRO air purifier in December 2020, because we felt that would be a good way of improving the air quality in the interim. In a nutshell: Using these air purifiers undoubtedly helped us, and measurably so! That's because we performed a series of targeted measurements for documentation and illustrative purposes."

It is not only since the arrival of the coronavirus that the Zollernalb Clinic has been considering purchasing air purifiers. The focus of these considerations was on equipping the areas used by the oncology department with portable units. The pandemic brought this back to the forefront of the clinic's attention and led to a purchase. After all, when the immune system is already weakened, the best protection against infection is to minimise paths of infection and interrupt chains of infection. Air purifiers can really help in this regard by reducing the further spread of pollutants and pathogens.

"Due to our spatial requirements, we decided on two IDEAL AP80 PRO units. These are professional-standard high-performance air purifiers, which provide clean air in rooms measuring between 70 m² and 100 m²."

This IDEAL high-performance air purifier delivers maximum-level airflow rate and cleaning performance. The built-in, multi-stage IDEAL 360° smart filters provide a very high level of separation efficiency. Because the structure of the cartridges ensures the entire surface of the filter is used effectively and the airflow also efficiently captures other distant particles in the room. The highly effective IDEAL 360° smart filters filter up to 99.99% of all particles (0.2 micrometres in size, according to DIN 71460-1), aerosols, pollutants, pathogens such as viruses and bacteria, as well as gases and molecules, from the ambient air.



Ewald Böhm (Infrastructure department advisor)



Zollernalb Clinic in Balingen (Germany)



The five ultra-efficient, multi-layered filters (comprising pre-filter mesh, pre-filter layer, HEPA microfibre layer, activated carbon layer and cover layer) in the IDEAL air purifiers trap everything: Small and large particles, gases and molecules. Even the most penetrating particle size (MPPS) is reliably filtered out of the ambient air. These ultra-fine, respirable particles measuring only 0.1 to 0.3 micrometres are the most difficult to remove and can make people sick. To mitigate this risk, both IDEAL air purifiers are permanently in operation at the Zollernalb Clinic.

"In Oncology, we see about 25 patients a day. On average, each patient spends around four hours with us. Given the number of people coming through our doors and the length of our patients' stays, it is extremely important to us that we can ensure a good rate of air exchange."

The IDEAL AP80 PRO meets the hygiene standards required for medical facilities and has therefore been certified for use in medical settings in accordance with VDI guideline 6022. This is, of course, an important quality criteria for the Oncology department of the Zollernalb Clinic. This IDEAL air purifier also has the ECARF quality seal in recognition of its allergy-friendly credentials.

Packed with convenient features such as the powerful turbo mode, timer function, the intelligent automatic function and its ultra-quiet operation in night mode, this IDEAL air purifier model meets the high standards of terms of functionality and quality associated with the IDEAL range.

"Using them on a daily basis, we were most impressed with how easy the units were to operate. That's very important for us, because a lot of people in our clinic operate these units. We also found the automatic detection of air quality and the corresponding programme selection really effective. We were also really impressed with the very high standard of workmanship in the purifiers, and the look of the units really appealed to us too."

The IDEAL AP80 PRO can be operated from the unit itself or via remote control, whichever is more convenient. The intelligent integrated sensor technology monitors and controls the air quality in the room and thereby ensures permanently clean air – easily and conveniently with the associated smartphone app. As an optional extra, the IDEAL AS10 is an indoor air sensor, which measures and displays the air composition, the indoor climate and possible environmental factors – all in real time. All of these values are also displayed in the "IDEAL AIR PRO" app.

"As the region's first point of contact for all health matters, we are passionate about connecting with our region. That's why we are all the more thrilled to have found such a good, reliable local partner for mobile air purifiers in the shape of IDEAL. We would definitely choose the IDEAL AP80 PRO high-performance air purifier again, and can wholeheartedly recommend this locally made unit! And that goes for use at home or in the workplace."



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