

## ProActiveAir makes hotels and restaurants in Herrenberg safe

No infections caused internally since the devices were put into operation

Safe operation of a hotel with restaurant in the pandemic? This works out! Guests in the hotel and restaurant are safe

### **Challenge**

Run a traditional hotel that hosts most of the guests of local businesses and a restaurant that serves as an institute for social life in the pandemic, offering residents daily lunch without the risk of infecting their guests.

### **Solution**

The traditional hotel "Gasthof Hasen" in Herrenberg introduced a hygiene concept and a pandemic plan at the beginning of the corona pandemic, and included its staff in the planning. In addition, the overall situation was professionally prepared: In the first step, a technical solution to reduce the risk of infection through air as a transmission route was examined with an external consultant. Conventional filter devices could not be considered due to their poor energy efficiency and the lack of sustainability due to the frequent filter replacement required and the subsequent problematic disposal. The best solution is therefore the innovative devices from ProActiveAir GmbH, which with just under 30 watts per hour and a very high virus kill rate are not only very efficient, but also extremely sustainable thanks to their innovative technology.



The main difference to other technologies with the ProActiveAir air handlers is that the air in the room itself becomes a protective barrier. This means that if the AHA rules are complied with, transmission is almost impossible. Together with ProActiveAir and the certifying company PÜG from Gäufelden, the hygiene concept was inspected, expanded and supplemented with an infection emergency plan. The inspection was rewarded at the end with the issue of a hygiene seal. The trade association was then involved in order to obtain a legal assessment.



In summary, one can say that the use of the devices from ProActiveAir GmbH is the technical basis for virus-free interiors with no risk of infection. The volume of the devices is barely noticeable indoors, in normal operation, the legal requirements are complied with. Even at the highest level, the noise level is not perceived as annoying during ongoing business operations.

Ionization makes air equally clean everywhere in the room. The secret of the air handlers from ProActiveAir: They do not remove pollutants with a built-in filter, but rather by making the air in the room safe from the start - regardless of whether it already contains corona viruses or not. The ProActiveAir iO + does this by ionizing the air. Corona viruses cannot survive in this area and fall to the ground.

There, ozone applied in a controlled manner by the device renders the viruses harmless. The air handler keeps the ozone content of the air below the value outdoors on a normal summer day. The great advantage of this technology is that the air is equally clean at all points in the room - not only in the immediate vicinity of the device, as is the case with conventional air purifiers with filters. "The virus doesn't even get to the people around you," says Marcel numbers, managing director at ProActiveAir, explaining the basic idea. The device catches 99.96 percent of all viruses, bacteria, particles and pollutants. It can provide permanent protection of up to 160 square meters or 400 cubic meters, while its little brother ProActiveAir iO + Smart has an area of up to 75 square meters (190 cubic meters). You can find more information here:

### **Result**

For more than one year, there has not been registered any spreading of Corona in Restaurant and Hotel. With this setup, the hotel "Gasthof Hasen" is optimally positioned for the future and offers its customers a high level of security without any new restrictions. Thus, there is no tenable reason to prevent safe and long-term operation without restrictions.

### **About ProActiveAir**

Founded in 2020, ProActiveAir GmbH, based in Herrenberg (Böblingen district), has specialized in proactive indoor air treatment. With a worldwide patent pending technology, in which the air is made a protective barrier in the room, more than 99.9% of all viruses, particles and pollutants in the room are eliminated. With ProActiveAir, this is done in an exceptionally quiet, energy-efficient and resource-saving manner. <https://proactiveair.de/>