



Indoor **AIR QUALITY** and wellbeing in the workplace.

CASE STUDY
Linde Healthcare
Vienna

Using innovative technology, an open-plan office benefits from improved air quality.

Linde Healthcare, a Vienna-based healthcare company, had no existing healthy air solution in place for its 16 person open floorplan office space. Curious about Novaerus's innovative technology, they reached out to learn more.

PROBLEM



POLLEN



DUST



VOCs

Linde Healthcare's goals for their facility were common to many organizations. They wanted to improve overall air quality for the sake of all their employees. Indoor air quality can be up to 2-5 times more polluted than outdoor air. As we spend 90% of our time indoors, this has a significant impact on our mood, cognitive function and overall health. Sick Building Syndrome is becoming an increasing global problem. One employee in this office suffered from severe pollen and dust mite allergies. The Company believed making improvements to the work environment would improve performance and productivity, reduce employee absences and protect employees, allowing them to use time off for pleasure instead of healing, improving employee satisfaction.

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SOLUTION

Linde Healthcare installed two Novaerus NV800 units to clean their office air within approximately 150 m². To further combat air pollutants, the employee with significant allergies used a Novaerus NV200 portable device in a specific room at home.

Novaerus devices use active purification plasma technology to safely and gently deactivate airborne pathogens and microorganisms at the DNA level resulting in lower risk of infection being transmitted via the air, surfaces and hands, lower levels of allergens and noticeably reduced odours.



“...the air is fresher and not so stale anymore...we feel better... [the office] has a pleasant atmosphere...”

RESULTS

Following a five-month trial, the results were extremely positive. After one winter's use of Novaerus' products, employee sick time was reduced by 40%. In a busy office, these units demonstrably deactivated pathogens and improved the office's indoor air quality. In addition to the health improvements noted, employees noticed the office was fresh and lacked its previous winter season staleness.

With their sleek and unobtrusive designs, employees barely noticed the wall-mounted devices which were visually and audibly neutral. They appreciated that the NV800 units were low maintenance and had adjustable fan levels to accommodate unusual odours or high levels of allergic triggers.

The employee who used the portable NV200 unit at home created an allergy sanctuary and enjoys freedom from all symptoms in the room outfitted with the device.

With such positive results, Linde Healthcare committed to its own health and continued using the Novaerus NV800 units after the trial period.