



Case study

Reliable hygiene meets clean air: Abena relies on Zehnder Clean Air Solutions



Customer

Abena GmbH



Location

Zörbig (DE)



Sector

Manufacturer and supplier of hygiene and health products



Dust reduction

20 - 25 kg annually

At a glance

“We believe in supporting our employees’ wellbeing through proper hygiene. Zehnder Clean Air Solutions has noticeably given us back this sense of well-being through the appropriate management of dust and other suspended particles in the warehouse.”

Jens Mertens, Managing Director

Benefits

Since Abena began working with Zehnder Clean Air Solutions, the air in the warehouse has become so clean that daily warehouse cleaning is no longer necessary. Where previously damp wiping was done every day, it is now sufficient to wipe twice a week. Stored products hardly need to be dusted before despatch. And employees across the board notice that the air has improved.



Challenges

Dust is a common problem in the logistics industry. As a result, even before working with Zehnder Clean Air Solutions, Abena GmbH had already taken a number of precautionary measures to counteract the problem. But Abena was certain there was more to be done; despite many good measures, employees were still noticing dust on the products in the warehouse. Abena wanted to eliminate this problem without having to rely on daily basic cleaning.

About Abena GmbH

ABENA is a Danish company based in Aabenraa, Denmark. The company has been family-owned since it was founded in 1953. From the very beginning, ABENA has focussed on top quality, innovation and sustainability.

At the German subsidiary, Abena GmbH in Zörbig, around 200 employees work to improve people’s everyday lives through the use of high-quality healthcare products - HygGe.

In search of the perfect air cleaning technology

Nico Gollnick and his team stand for one thing above all for their customers: hygienic items that promise reliability. But when it comes to hygiene products, it is all the more paradoxical when your own warehouse is confronted with a dust problem. **However, before working with Zehnder Clean Air Solutions, product pallets (depending on the handling intensity) had to be cleaned of dust before despatch.** A side effect that becomes a „normal“ nuisance when lorries are delivered, for example.

However, Abena and not least Nico Gollnick, former shift manager at Abena, not only have high quality standards, but also always have the health of Abena’s employees in mind. They were aware that dust particles could be inhaled and pose a potential risk to employees; despite the fact that a great deal had already been done to become dust-free.

In search of the perfect air cleaning technology, Abena finally came across industrial air purification from Zehnder Clean Air Solutions. According to Nico Gollnick, what was noticeable from the start was how personal the service from Zehnder is. „We were immediately on the same wavelength, which is very important for a collaboration of this kind,“ says Mr Gollnick.

During the first meeting, Zehnder was informed directly about Abena’s dust sources:

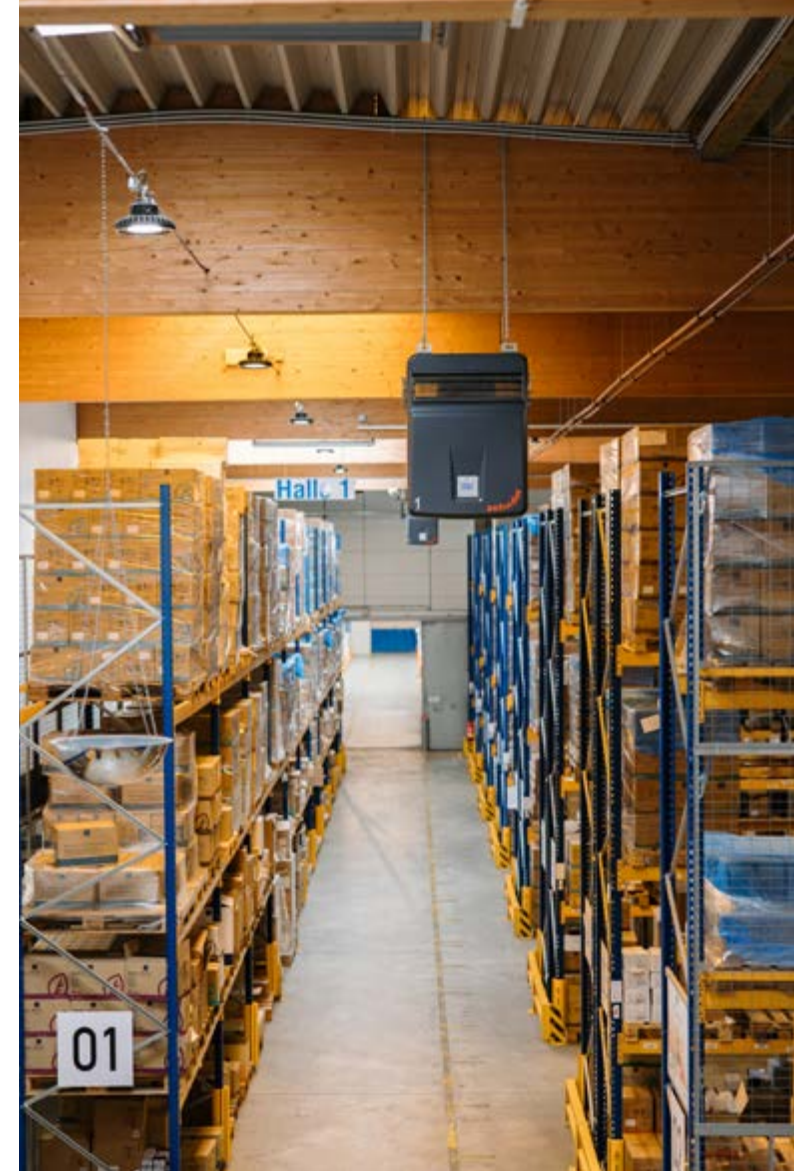
- A high turnover of goods
- A lot of packing work
- Heavy abrasion from industrial trucks

In other words: the typical sources of dust in a logistics environment.

After an initial dust measurement by Zehnder Clean Air Solutions, it quickly became clear that only reliable industrial air purification could help here. To ensure this, Zehnder created a completely customised air cleaning technology for Abena that matched the company’s specific dust sources and dust levels.

Zehnder Clean Air Solutions made an offer that immediately appealed to the hygiene products giant. And just two months after initial contact, 12 air purifiers were installed and in operation.

“All we had to do was provide 12 power sockets. I was



really amazed that the air purifiers only had to be plugged in and started working immediately,” says Nico Gollnick.

Patented filters for a powerful result

Zehnder Clean Air Solutions has come up with a very specific air cleaning technology to tackle the dust problem at Abena: patented FlimmerM® technology.

FlimmerM® is a two-stage filter system in which both the in-house produced Flimmer filter and a suitable downstream filter are used. In this special case, the latter is a fine compact filter that guarantees the highest possible level of hygiene.

This air cleaning technology has changed everyday working life at Abena. The unique filter combination not only captures dust but other fine particles that are suspended in the air. Before the devices were installed, the floor had to be cleaned intensively



every day. Thanks to FlimmerM®, mopping is now only necessary twice a week..

Whether employees or business partners: everyone is happy!

The positive changes to the air quality were immediately noticeable to the employees.

At Abena's 30th anniversary in 2022, even business partners became aware of the air purifiers distributed around the room and enquired about how they work.

Overall, Abena is more than satisfied with the air cleaning technology from Zehnder Clean Air Solutions and would recommend the collaboration to others at any time. The most convincing argument for them? In the past few years, not a single device has had to be replaced.

What Abena GmbH says about the collaboration

"We are really very satisfied. **Since we got in touch in 2017, the collaboration has been consistently reliable, professional and also very pleasant. It took less than two months to complete the installation of the devices. And since then, not a single device has had to be replaced or repaired,**" says Mr Gollnick.