



Pharmaceuticals factory keeps 20% less pressure in the HVAC system, maintaining IAQ at lower cost

Systems: 300 Complex Air Handling Systems
Building: Pharmaceutical manufacturing and research facility
Environment: Urban location

Situation

This company has been working with Camfil for almost twelve years, solving a lot of different ventilation problems until today.

One of our customer's global goals towards environment protection is to keep the same CO₂ level in 2016 that they had in 2006.

The entire ventilation system has been examined to contribute to global company energy efficiency programme.

In HVAC systems fan efficiency is as important as the average pressure drop of the air filter, regarding the power consumption.

Choosing a frequency transformer and a direct driven fan with a high class electrical motor instead of an old belt driven one was one of the main improvements. And new challenge has been set for Camfil regarding filters pressure



The solution

In 2007, our customer decided to make a real life test of the Hi-Flo XLT F7 in one of the ventilation systems, compared to the existing solution.

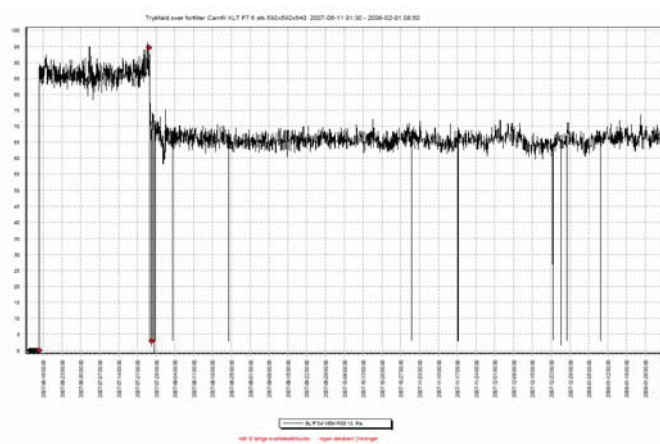
The proof

The test last 6 months and confirmed the promises of the LCC calculation, showing average 20% less pressure drop that did not compromise in door air quality.



Proven Energy Efficiency :
Adding more value by using less

Project savings



"Camfil has knowledge and proficiency to solve his company's technical ventilation problems."
 Said our customer

For further information regarding this service, please contact your local Camfil office

www.camfil.com

Camfil Case Study Opportunity Assessment Survey