



Long term contract office building owner in Belgium

Systems: Various Air Handling Units
Building: Commercial buildings
Environment: Urban environment

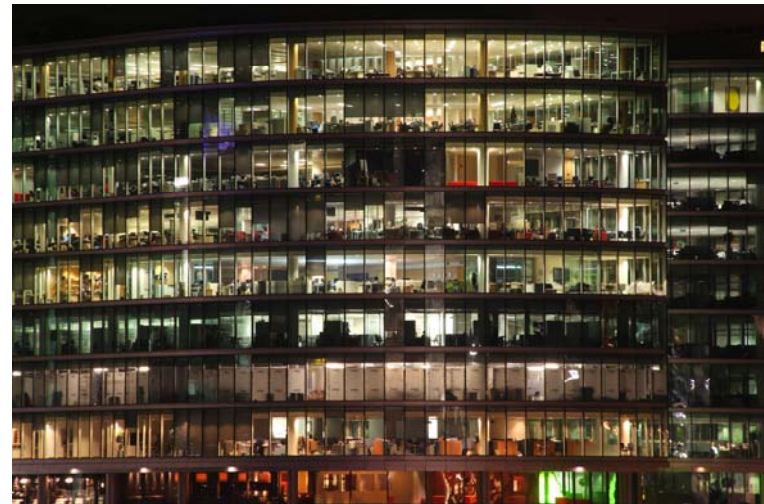
A major company on its market owning more than 200 buildings, mainly data centres, technical buildings, offices and shops approached Camfil to improve its HVACs energy efficiency according to a corporate energy conservation programme.

Our customer uses many kind of filters of different brands including fan coil filters, compact filters, bag filters and pleated filters, operating 24/7. Some filters are replaced 3 times per year, others twice per year and some once per year. The efficiency of the filters ranges from G1 to F7.

Camfil performed an opportunity assessment survey on several sites and types of buildings, provided that the efficiency of the filters and IAQ should remain the same.

Replacement of synthetic bag filters by Hi-Flo M7 saved 98 €/per filter and improved IAQ. Moreover the Minimum Lifetime Efficiency increased from 16% for the actual synthetic filter to 55% for our M7

According to energy formula, between 100 and 165€ savings per AHU were identified for the pleated filters, combining lower initial and final pressure drop and longer life time.



Projected savings

Without compromising IAQ, our sustainable solution will allow our customer to save 120 000€ the next 3years, according to the contract he decided to sign with Camfil for the replacement of the filters in all its buildings.

Cost saving €/year	40 000
Energy saving (kWh)/year	290 800
CO ₂ saving (335g/kWh) (tonnes)	138

Energy Efficiency: Adding more value by using less

For further information, contact your local Camfil Farr office

www.camfilfarr.com

Camfil Farr Case Study