



AIR FILTRATION SOLUTIONS ALLOW CAMFIL FRANCE TO TAKE CARE OF ITS EMPLOYEES

Site:

Camfil France head-quarter in La Garenne Colombes.

Initial situation:

The head-quarter, where 100 employees are working in different departments: customers service, projects, sales & marketing, finance and human resources, is located close to one of the most polluted area of Paris.

According to our CamfilCairing⁽¹⁾ policy, Arnaud Paque, Camfil France Managing Director, wants to take care of his employees' health and improve IAQ in our head-quarters.

As a consequence, the decision was taken to optimize the AHU filter combinations of the building and set up several air purifiers named CamCleaner City.

⁽¹⁾Camfilcaring is the framework and name of Camfil internal programme to integrate sustainability and corporate citizenship in every aspect of our business strategy. The name is built around Camfil, our environment, caring and air – key words that are to be associated with the Camfil name.

Solutions:

Steps:

1. Have a complete analysis of the pollutants in Camfil employees work conditions.

Different actions were undertaken to "Make visible the invisible":

- Continuous monitoring of outdoor particles thanks to an Aerotrack
 - Tests of new solutions of continuous measurement of Wellness (CO2/sound/lights) and Health (PM1/light VOCs like formaldehydes/big VOCs) thanks to a IAQ box.
 - Explore the possibilities with AHU on the rooftop top to optimize the filtration.
2. AHU was equipped with new filters introducing a carbon filtration stage. Thus, a M-Pleat Green M5 and a CityCarb F7 (2 in 1 filter, allowing both a particular and molecular filtration) were installed instead of the usual 2 particular stages G4+F7.

Thanks to an LCC support, we managed to convince the facilities Management

company, it will have less maintenance.

The indicators showed an impressive reduction of VOCs coming from outside with still a very low amount of fine particles, but still light VOCs.

3. To reinforce our actions and still improve IAQ, a last efficient action was decided: install 5 air purifiers CamCleaner City (equipped with H13 and 2 carbon filter stages) on the 2 floors of Camfil France offices. The 2 carbons filters stages handle both big and light VOCs, with impressive results on formaldehyde (90% reduction)



CamCleaner City



Benefits :

Results are above expectations: all IAQ indicators are green and employees feel the difference at the end of the day! Those actions improved their wellness.

Camfil France takes care of its employees and at Camfil France HQ, thanks to a combination of air filtration solution both in AHU and with local air purifiers we can say: "Breathe, you are protected!"



Camfil's headquarter

Before

After



CityCarb F7



M-Pleat Green