

CASE STUDY

Professional air purifiers for workplaces



IMPROVE AIR QUALITY IN WORKPLACES AND PROTECT EMPLOYEES

FRENCH RETAIL GIANT CHOOSES CAMFIL SOLUTIONS TO PROVIDE A HEALTHY HIGH-QUALITY INDOOR AIR FREE OF VIRUSES SUCH AS SARS-COV-2 TO THEIR EMPLOYEES.

THE CUSTOMER

This French retailing group includes many hypermarkets brands, supermarkets and DIY shops. He is present in many countries in Europe. Between 3,000 and 4,000 people visit its headquarters and training center located in the Paris region every day.

THE SITUATION

Further to the lockdown in France in March 2020 due to the COVID-19 pandemic, this large retailing group wanted to go on welcoming its staff in the premises of its headquarters in the best and safest way. The group wanted also to be able to continue to train its new employees and franchisees in its hundred or so dedicated rooms. The control of the indoor air quality is a key factor for the health safety of the staff and trainees and also to help them feel protected, reassured and confident. There were many different types of

rooms involved: individual or two-person offices, open spaces or large training amphitheaters.

The customer did not want any work to be done in the rooms to clean the air.

THE SOLUTION

To be able to guarantee the continuity of its activities and to ensure the safety of people with clean air free of airborne particles and viruses in the various buildings, Camfil proposed professional air purifiers equipped with HEPA H14 filters certified according to EN 1822. About 180 units of City M and 350 units of City S were installed to maintain a good air quality in areas respectively of 45 square meters and 75 square meters.

To ensure the filters' filtration efficiency, each H14 filter has a serial number, is individually tested before it is shipped and delivered with its test report.



CUSTOMER STORY

"We were looking for a high-performance equipment, effective against viruses, easy to install and maintain, and that could be used in both small and large rooms without the need for major work. Camfil met our demand with its air purifiers. The solution to our needs was provided quickly and we are fully satisfied"

Maintenance and Works Manager of the end customer's installer

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THE RESULTS

All staff were able to work on the site as soon as September. All trainings as well as the annual negotiation meetings with the franchisees could be carried out on the site. Once the health crisis is over, the staff will continue to benefit from clean air and reduced allergic reactions thanks to the ECARF (European Centre for Allergy Research Foundation)-certified City M and City S air purifiers (ideal for eradicating allergies). An improved air quality and less allergies contribute to less absenteeism and a better productivity of staff (1).

INFORMATIONS

COMPLÉMENTAIRES

The City M air purifier includes HEPA filtration technology according to INRS' (National Institute for Research and Security) recommendations to remove airborne contaminants and the Covid-19 virus.

A study financed by the Auvergne-Rhône-Alpes region on the City M equipped with HEPA H14 filters was carried out in January 2021. The tests conducted by the VirPath P3 laboratory, a leading centre for virus research, and the VirHealth company, specialized in the evaluation of virucidal activities, proved

the efficiency of Camfil air purifiers against the Covid virus.

This study confirms the efficiency of our HEPA H14 technology with a filtration of up to 99.9% of the virus in 20 minutes of use (10 cycles of air recirculation) and a total disappearance of infectious viruses on the filters at 48 hours. This allows for maintenance of the filters, without the risk of contamination of the operators.

France 3 Rhône Alpes TV report on the efficiency tests of the City M purifier with the SARS-COV-2 of Covid 19



Professional air purifiers of the CITY range

- Equipped with HEPA H14 filters
- 99.995% filtration efficiency on fine particles including viruses such as Coronavirus
- Plug and play
- Immediately operational.
- Accelerated room ventilation and air purification (flow rate 433m³/h).
- Quiet, compact and design
- Low consumption
- ECARF certified to fight allergies

100% safe technology

- Generates zero pollutants unlike physico-chemical technologies which are strongly discouraged by the health authorities.
- Can operate in the presence of people

(1) Improving the indoor air quality means a reduction of 39 % of the number of work stoppages and of 44 % of the costs according to a study carried out in Australia. Tony Arnel - Green building Council, Australia