

# CASE STUDY

Office/Commercial Building



#### Client:

Multinational Home Furnishing Company

#### Sector:

Office/Commercial Building

#### Region:

India, Asia

## MULTINATIONAL HOME FURNISHING COMPANY REDUCES PM2.5 & PM1 USING CAMFIL'S CLEAN AIR SOLUTIONS IN INDIA

THE INDIA HEAD OFFICE LOCATED IN GURGAON IS NOW GETTING BETTER AND CLEANER AIR WITH UNITS OF CAMFIL AIR CLEANERS AND PURIFIERS WITHOUT THE HIGH COST OF HEAVY INSTALLATIONS.

#### ABOUT THE PROJECT

Our client is a multinational home furnishing company founded more than six decades ago in Northern Europe. They have their India head office located in the industrial city of Gurgaon, near the capital New Delhi in India. Its office is housed in one of Gurgaon's high-rise commercial buildings. The office occupies a well spread out space of up to 2600 square meters in area and a 12 -feet high roof. The existing HVAC system in the building has in-built pre-filters to capture coarse dust particles.

#### THE PROBLEM

Due to extreme pollution, the PM 1 & PM2.5 levels in the city are reaching an alarming stage. Even inside the office PM2.5 levels were 5 times the safe levels recommended by WHO.

However, being in a leased premise presented our client certain challenges in improving their indoor air filtration:

- They were not interested in a centralized solution as the premise was leased/rented
- Heavy installations were not permitted by the building owners

#### SOLUTION

The Camfil solution for this multinational furnishing client was to install:

- 10 units of City M placed throughout the office
- 2 units of CC 6000 with H13 HEPA filters in two locations within the office

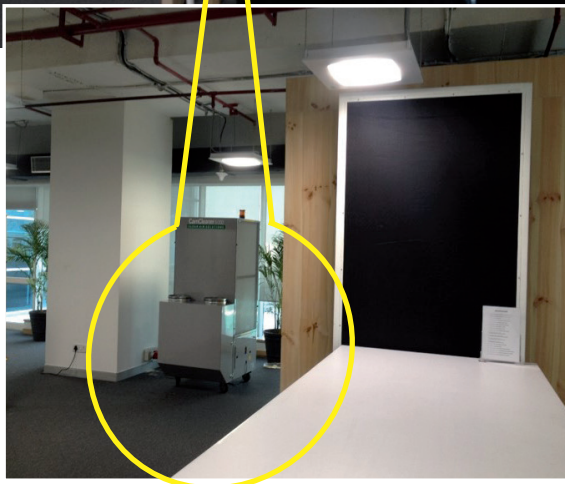
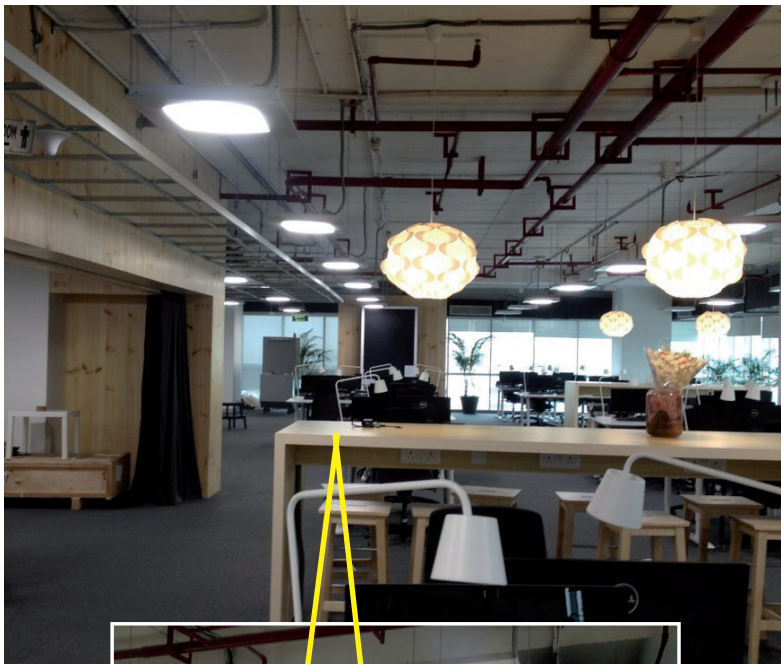


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## IAQ - PM2.5 AFTER INSTALLATION

PM2.5 LEVELS INSIDE THE OFFICE <u>BEFORE</u> CAMFIL AIR CLEANERS	PM2.5 LEVELS INSIDE THE OFFICE <u>AFTER</u> CAMFIL AIR CLEANERS
above 150+ microgram/cubicmeter	consistently less than 25 microgram/cubicmeter



The air circulation generated by Camfil Air Cleaner CC 6000 creates a uniform temperature distribution, even in spaces with high ceilings.



AIR PURIFIER CITY M

### ABOUT AIR PURIFIER CITY M:

- Equipped with H13 particulate and molecular filters
- Weight: 16 kg
- Purification area: up to 75m<sup>2</sup>
- Colours: White, black



### ABOUT AIR CLEANER CC 6000:

- Size: 650 x 1,810 x 810 mm
- Air volume: max 6000 m<sup>3</sup>/h
- Air purification area: max 1,000 m<sup>2</sup>
- Pre-filter + HEPA filter with carbon filters available as optional extra.