

CAMFIL CASE STUDY



Client:
Automotive Company

Location:
India

Date:
January 2015

Sector:
Commercial Office

CAMFIL CITY M AIR PURIFIER SIGNIFICANTLY IMPROVES AIR QUALITY IN CHILDREN'S ROOM

A LARGE AUTOMOTIVE COMPANY BASED IN NEW DELHI INDIA LOOKS TO CAMCLEANER CITY M FOR IMPROVED AIR QUALITY.

ABOUT THE PROJECT

Camfil India was approached by a large automotive company in India to provide Cam-Cleaners for their corporate office and a demonstration was arranged. It was conducted in a children's living room at the corporate office of the automotive group in New Delhi. The first thing was to measure the mass concentration of PM2.5 in the room without the air purifier. Measurements were taken using Dust Trak 2 and PM2.5 level without the air purifier was at 300 micrograms/m³.

SOLUTION

A City M Air Purifier was placed in the children's room and it ran for 6 hours continuously at speed 5. The room size was about 468 square feet, During the trial of 6 hours, the room was unoccupied and was equipped with kids bed, couches, carpet, wooden table and other furnitures.

RESULTS

- PM2.5 levels was reduced significantly from 300 micrograms/m³ to an average of 100 micrograms/m³ in 6 hours
- A reduction of 66.7% with a minimum reading of 40 micrograms/m³.
- A secondary measurement taken 3m away from primary test area in the room showed 83 micrograms/m³. This indicates that Camfil City M was effective in purifying the air throughout the room.



ABOUT CAMCLEANER CITY M:

- Equipped with H13 particulate and molecular filters
- Weight: 16 kg
- Purification area: up to 75m²
- Colours: White, black