

# SHARP'S SOLUTION FOR POLLUTION IN A REPUTED FMCG FIRM.



## CavinKare

From personal care to FMCG, CavinKare is a brand that believes in innovation. A dedicated R&D equipped with the latest technology supports CavinKare in this endeavour. With a turnover of 8819 Million INR in 2009-10, the company has a strength of 1520 employees and 1300 stockists catering to 25 lakh outlets across the country.

## CHALLENGE

The R&D/Lab in the Chennai division of CavinKare was facing serious issues with air pollution. Toxic air was even spreading to other areas like the auditorium and reception area. There was a high concentration of PM10 and PM2.5 particles. VOCs were released during the ammonia process and the HCHO level was high during the cream formulation process.

## SOLUTION

On 23 Feb 2021, Sharp installed the FU551KE wall mounted air purification solution bearing an ion generation capacity of 25000. With 3-way airflow for better circulation, it's ideal for factories and commercial spaces. The heavy-duty motor ensures that it's active 24/7. The grade 14 HEPA filter reduces the particulate matters like PM10 and PM2.5 while the Active Carbon Filter and the Plasmacluster Ionizer reduces the volume of VOCs.

## OUTCOME

The air quality improved substantially. Prior to installation, PM10 level was at 999 and PM2.5 at 873. It went down to 16 and 14 respectively. The level of VOC also dipped from 9.999 to 0. Despite being installed in a large area, it was performing at full potential. Ion count is high which ensures that the air stays light and cross infection is minimal. This assures increased health and a decreased rate of absenteeism rate among employees.

