

# CASE STUDY

CLIENT: De Haan Mineral Oils B.V

LOCATION: BP Station de Keizer, A27 Hank, Netherlands

Trendway >



## The Challenge

Bathrooms in service stations along motorways can be an unpleasant experience. These bathrooms are used regularly, especially when there are buses full of tourists using the facilities in large groups. They are cleaned more frequently in response to this, however this can not entirely tackle the problem of odors and airborne bacteria.

- Frequent cleaning does not help to clear the air of odors
- Sprays and cleaning products used to mask the smell can be a source of irritation to the skin, eyes and throat
- Bacteria and viruses are an invisible threat floating around us in the air.

## The Solution

Fellowes® AeraMax® Pro AM 3 units were installed in the bathrooms. These powerful air treatment units are equipped with EnviroSmart™ Technology, intelligent sensors that continuously monitor the occupancy and condition of the room. The sensors detect sound, movement and odors then automatically switch the machine into its optimal setting. When the air is clean again the unit turns into standby mode to save energy and extend filter life.

## The Results

AeraMax Pro cleans the air in four steps. The pre-filter removes coarse dirt and showed a visible layer of

dust after a few weeks. The activated carbon filter removes unpleasant odors, greatly reducing the smell in the bathrooms. The HEPA filter captures the rest, such as particulate matter (PM2.5 and PM10) and also all bacteria, viruses and allergens. A plasma ionizer then electrically charges the last particles to enhance filtration.

AeraMax Pro air purifiers are designed for installation in busy areas with a high concentration of pollution. A rugged housing, superior components and highly efficient filters combine to give a durable and reliable performance. The result is noticeably clean air.

## The View of BP de Keizer

At BP de Keizer the air has been cleaner since the installation of AeraMax Pro. Marcel Smits is visibly pleased with his air purifiers that have noticeably reduced odors, bacteria and viruses from the air in the bathrooms. The two-year investigation has proven a greater standard of cleanliness in service station facilities when AeraMax is in operation.

Several measurements show that the air is really clean and the risk of disease spreading is substantially reduced. However, this is not the most important benefit according to Marcel Smits. After tackling the invisible threat, the unpleasant smells were the main detriment to customer satisfaction, so reducing these odors enhances the image of the station as well as pleasing the cleaning staff.