



CASE STUDY

KEEP YOUR SURROUNDING CLEAN AT THE DENTIST



THE CHALLENGE

Indoor air within the dental industry is continuously polluted by mercury vapours, fine dust, particles and micro-organisms within the dental practice itself, and at the oral hygienist by odours and micro-organisms. A healthy indoor environment is extremely important for dental practices.

Mercury, small free floating metal particles, porcelain, ceramic particles, chemical disinfectants and monomers, as well as bacteria and viruses from the patients mouth are all present within the practice. During the removal of amalgam (fillings) the air is filled with high levels of mercury vapour. This is unhealthy for both patients and employees. It may cause respiratory problems, lung problems and allergic reactions.

Dental practice Wijsman is a dental practice with various specialities. The name has existed several years already, but the practice itself has been located at the current location in Rotterdam, the Netherlands, since 2007. Owner Cees Wijsman graduated in 1986 as dentist and has had his own practice since 2006. Meanwhile he has a team of ten colleagues around him.



TESTIMONIAL

“You really notice that the air cleaners work. For example, as soon as you set the air cleaner to a higher level, the overdose of sweat odours disappear in an instant. An additional advantage is that the air cleaners recede nicely into the ceiling. But more important is that the air cleaners work well! And that they do”.

» *But more important is that the air cleaners work well!* «

QUOTE BY Cees Wijsman, dentist and owner.

www.tandartsenpraktijkwijsman.nl



THE SOLUTION

Cees Wijsman, the owner, was personally involved in the furnishing of his dental practice. This also included his search for stylish air cleaners. Cees Wijsman looked for an effective air cleaner which primarily removes distasteful odours and micro-organisms. He was already familiar with the air cleaners of Plymovent because of his previous job at other dental practices. In short, the choice was made quickly!

The air cleaners installed are all equipped with extra carbon filters, specifically developed to remove unpleasant odours. The air cleaners could be built-in next to the DVD screens, which made them optically 'disappear' in the ceiling and guaranteed the ultimate serene atmosphere of the treatment rooms.

Because Mr. Wijsman was already acquainted with the air cleaners of Plymovent, he knew the advantages of these effective air cleaners. Cees Wijsman has concluded a service contract to ensure its air cleaners will keep their optimal functionality.



MAIN BENEFITS

- Clients are welcomed into a fresh treatment room, without being bothered by unsavoury (medical) odours.
- A clean and healthy work environment for both employees and the owner himself.
- Due to the SterilAir option micro-organisms like bacteria, viruses and fungi are degenerated.
- The OdourFree filter (activated carbon) adsorbs gasses and fumes so nasty smells and odours disappear quickly.
- Low sound level (non-interfering).
- Integrated in the ceiling.

PRODUCT FACTS

Products

- Air cleaner: Grace (colour: winter grey)
- Air cleaner: VisionAir¹ ElectroMax Dental (colour: OffWhite)
- 3 build-in models

Year of installation

- 2009

Accessories

- SterilAir: UV light kills micro-organisms such as bacteria, viruses and fungi. The air is effectively sterilised. For example, SterilAir can be used to reduce the harmful influence of micro-organisms.
- Mercury vapour adsorption filter: The VisionAir Dental is equipped with a specially developed mercury vapour adsorption filter. This filter not only captures mercury vapour, but also any unpleasant odours.

NL-11



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