



**REFERENCE**

**CLEAN AIR AT THE SURGERY DEPARTMENT**



**THE CHALLENGE**

In the “minor surgery” outpatient facility of LangeLand Hospital minor operations are performed for the Surgery department, with outpatient care. This room inside the building (without windows) generated complaints about stuffiness and unpleasant smells. The problems could not be solved by means of the exiting air conditioning system or ventilation.

In 2007 Plymovent got in touch with the LangeLand Hospital to introduce the CarbonMax filter. The CarbonMax filter consists of activated carbon which has the unique property of adsorbing unpleasant smells, gases and vapours. During the introduction interview the ‘minor surgery’ outpatient facility soon came up.

The main complaints being: stuffiness and unpleasant smells.

The LangeLand Hospital is closely related to the town of Zoetermeer, the Netherlands; with 121,500 inhabitants (2011) the third largest town in the province Zuid-Holland. As the only general hospital, the LangeLand Hospital has a core function in the health care of the town and the immediate surroundings. In the years ahead they also want to remain the major hospital for the community of Zoetermeer.



**TESTIMONIAL**

“Thanks to the excellent performance of the air cleaner, the complaints about stuffiness and unpleasant smells disappeared. An ideal solution which can be applied on a small scale; additionally to the existing air conditioning system.”

QUOTE BY Leáne Lovink, head of hotel services, Het LangeLand Ziekenhuis.

## THE SOLUTION

When looking for a solution we considered the existing air conditioning system and the ventilation options. Expanding the existing air conditioning system was too radical and there were no ventilation options (inside room without windows). Therefore, the VisionAir<sup>1</sup> CarbonMax air cleaner of Plymovent was and still is the ideal solution.

The VisionAir air cleaner can be applied locally; in addition to the existing air conditioning systems. A test period revealed the effective performance of the appliance. The complaints from the doctor's assistants about stuffiness and unpleasant smells disappeared in no time. An additional advantage is the pleasant smell added to the room by the FreeBreeze aroma cartridges.



CarbonMax filter

## MAIN BENEFITS

- Complaints about stuffiness and unpleasant smells disappeared thanks to the air cleaner.
- User-friendly appliance.
- Pleasant smell thanks to FreeBreeze aroma cartridges.
- Thanks to the maintenance contract; smooth running appliance.
- Local solution in addition to existing air conditioning.

## SYSTEM FACTS

### Product

- VisionAir<sup>1</sup> air cleaner
- CarbonMax filter
- FreeBreeze - aroma cartridges

### Year of installation

- 2007



NL-13



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