

phs Operations Centre

> CASESTUDY

LOCATION
Bolton Operations Centre

INDUSTRY
Office

PRODUCT
AERAMAX PRO

THE CHALLENGE

Managers at the Bolton Operations Centre faced the continual issue of dust and airborne dirt covering their desks and furnishings in the open plan office.

Located next to the mats laundry, the dust was impossible to keep out of the office as employees used the connecting doors frequently.

This caused frustration with work and personal effects becoming coated in dust every day, but also the longer-term health issues with staff breathing in contaminated air.



THE SOLUTION

Following a survey of the site an **AERAMAX PROFESSIONAL III** was installed onto the wall in the office by trained **phs** technical staff to effectively filter the transient air.

The manager's office is approximately 100m² so only one unit was required to manage the contamination, filtering the air up to 2-3 times per hour.

AERAMAX PROFESSIONAL III is a powerful air treatment unit that is equipped with **ENVIROSMART** technology, intelligent sensors that continuously monitor the occupancy and condition of the room. The sensors detect sound, movement and odours 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.

In this environment, the machine runs 24/7 to capture airborne particulates and odour, starting to work immediately after initial installation.

THE RESULT

After installing the **AERAMAX PROFESSIONAL III** there was an immediate reduction in the dust levels on desks and surfaces. Over the first 1 to 2 weeks there was a continued improvement in the air quality.



HOW AERAMAX PROFESSIONAL III WORKS

To provide the benefits of purified air throughout the year it is important that **AERAMAX PROFESSIONAL III** is regularly serviced.

Hybrid filters require regular servicing as part of the contract agreement, and these filters use two processes to remove contamination from the air. This is either through 'Active Charcoal Adsorption' or 'HEPA filtration Capture' to contain any airborne particulates.

Active Charcoal Adsorption: Hybrid filters contain over 1.5kg of Activated Granular Carbon. Activated Carbon has a huge surface area for gas molecule adsorption – around 1000m² per gram. This makes it highly effective at capturing gases and VOC's.



KEY FEATURES

Seamless integration –

the **AERAMAX PROFESSIONAL III** is designed to seamlessly and safely integrate into your facility's environment. Units are located high up on the wall to improve air circulation. Mounted easily on any wall, it will provide worry free air purification wherever it's needed most.

Auto detecting technology –

intelligent sensors detect sound, motion and odour to assess a room's occupancy and condition, automatically adjusting to optimise performance, reduce energy consumption and extend filter life.

Flexible uses – quiet mode –

quiet mode runs at below ambient sound levels, whilst rapid purification mode is initiated when room is unoccupied.

“ I do love the **AERAMAX PROFESSIONAL III** and I would say there is about an 80% reduction in the black dust layer in the office. ”

CHRISTINE SLATER,
CUSTOMER CARE FOR HEALTHCARE
AT BOLTON OPERATIONS CENTRE

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