

Air Filtration Audit Helps Hospital Save Money and Time

CASE STUDY – HOSPITAL

Customer Profile

- Located in North Carolina
- General medical and surgical nonprofit hospital
- 247-bed facility, 194 physicians

The Filtration Situation

This busy nonprofit hospital needed their air filtration changeout system to be optimized, so that a regular changeout schedule could be established. In order to ensure the well-being of their patients and combat incidents of hospital acquired infections (HAI), this hospital's Facility Director wanted to make certain that the indoor air quality (IAQ) was the highest quality possible. Providing a comfortable, healthy, and odor-free environment was the highest priority, since patients' suppressed immune systems make them more susceptible to adverse health effects.

AAF offered to perform a thorough air filter audit of this hospital's HVAC systems, in order to provide professional guidance and analysis for cost savings and risk reduction. By conducting this audit, AAF would be able to optimize the hospital's filter-related spending.

The AAF Solution

AAF worked with the Facilities Director and Manager to perform a complete air filter audit of all HVAC units, pointing out problems/solutions in both critical and non-critical areas where more air flow was needed. AAF also discussed the prioritization of filter changeouts, systematically examining the air handling units serving each area, including operating rooms, labs, pharmacies, and patient areas. Finally, AAF developed documentation for a Filtration Quality Control Program.



The Results

This hospital's Facilities personnel now have a complete air filter matrix survey spreadsheet to plan out air filter changes on a timely basis. AAF's audit also yielded the following for this hospital:

- Cost savings
- Increased air filter performance
- Targeted filter upgrades
- More effective planning and scheduling
- Improved compliance
- Streamlined operations

The hospital is very happy with AAF making such a concerted effort to help the Facilities Department implement the hospital's Filtration Quality Control Program. With AAF's assurance that we will help the Facilities staff maintain the best air quality for their patients and employees, only AAF filters are currently utilized in this hospital.



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ISO Certified Firm CASE_105_EN_052017