

# Building Optimization Program for Healthcare Facilities

## A COST EFFECTIVE AIR QUALITY MANAGEMENT SYSTEM

Managing air quality in hospitals is extremely important to reduce the possibility of exposure to infectious agents for patients, visitors and employees. Normally, the organization's health and safety department works closely with the facilities group to ensure that comfort, complaints, and air quality issues are addressed quickly and correctly. A crucial element to indoor air quality management is having access to timely and comprehensive information.

Using Optima™, a new system designed to analyze critical building performance data, we will quickly and inexpensively deliver a comprehensive report within 24 hours. This system may be used for complaint response, minimizing the need to hire outside consultants, and it can also validate the effectiveness of your HVAC system..

## PLANNED BUILDING PERFORMANCE TESTING & EVALUATION

We can design a program to regularly monitor and evaluate key environmental parameters, including optional mold sampling, within your building. Adopting a proactive stance can create the highest quality indoor environment while maximizing ventilation rates and proper filtration levels. Armed with accurate operating data, it is possible to maximize HVAC energy usage without compromising comfort and air quality.



## BENEFITS TO YOU

Optimizing building performance can provide the following benefits:

- **RESOLVE INDOOR AIR QUALITY COMPLAINTS**  
Respond quickly to complaints from building occupants through an independent third-party at significantly less cost.
- **LOWER COSTS FOR ENERGY AND MAINTENANCE**  
Regular air quality monitoring helps prevent unexpected maintenance and can reduce building operating costs.
- **REDUCE LIABILITY**  
Professional evaluation and documentation demonstrates that you have taken the necessary steps to ensure a healthy environment.
- **IMPROVE RELATIONSHIPS**  
Employees appreciate your concern for their wellbeing, and for an immediate response to their concerns.

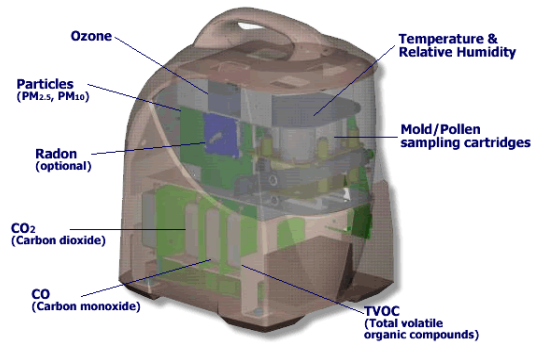
## THE OPTIMA SYSTEM

The device used to collect building data is uniquely designed to operate in an unobtrusive manner. Its physical appearance blends into any setting, and it is virtually silent.

Depending on the survey, the monitor can either remain at one building location during the entire survey, typically 24 hours, or may be moved to new locations throughout the day. The number of test locations depends on the size and use of the facility and whether or not previous issues have been noted. We will work with you to establish the best program for your building. As an option, mold testing can be included and conducted at the same time.

## BUILDING PERFORMANCE EVALUATION REPORT

The building performance evaluation report summarizes the data relative to comfort and ventilation, air cleanliness, and building pollutants. The final report is comprehensive, easy to understand, and will contain recommendations and suggestions for corrective action.



These recommendations are designed to allow you to resolve issues in a practical, inexpensive way. Our technical staff will gladly work with you to interpret the analysis and to optimize the performance of your building.

**To learn more about what we can do for you,  
just give us a call today!**