

ELLIS HOSPITAL SCHENECTADY, NEW YORK

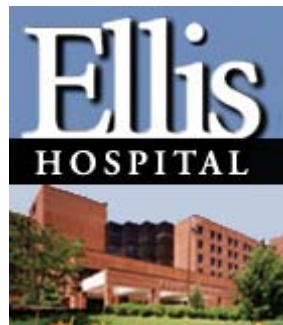
KEY PARAMETERS

- Type of Facility – Existing (EB)
- Function – Healthcare
- Area – Multiple areas within 6-story hospital facility
- Project Completed – 2010

Challenge: Vehicle exhaust emissions entering through fresh air intakes. A large fresh air intake is located under a covered area which serves as a primary pick-up and drop-off point for patients entering and leaving the facility. The intake supplies fresh air to a 30,000 cfm air handling unit which serves several areas within the hospital. In spite of signs urging “No Idling”, patients and staff members were complaining about the vehicle exhaust odors. Complaints were heaviest in the winter months. Patient comfort and wellness were also concerns.



Solution: Dynamic V8 Air Cleaning Systems were installed in the AHUs to filter indoor return air as well as incoming ventilation air.



Results: The Dynamic V8 Air Cleaners eliminated the odors. The hospital has been pleased not only with the elimination of the complaints, but they have also been very pleased about the longer filter service life.

Prior to the installation of the Dynamic V8 Air Cleaners, hospital maintenance personnel were replacing 2” passive pleated filters every few months. The Dynamic V8 Air Cleaner replacement media will not require replacing for years instead of months.



More Dynamic V8 Air Cleaners are planned at Ellis Hospital.

TEAM

- Owner – Ellis Medicine
- Consultants – Trane, Latham, NY
- Mechanical Contractor – Colonie Mechanical Contractors, Inc.
- In-house Facility Manager – Darren Schaperjahn, Utility Manager

MECHANICAL SYSTEMS

- HVAC – Trane

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