

## **ActiveAir Energy Savings Opportunities**

When utilizing **ActiveAir's** cold plasma bi-polar ionization technology to ensure that indoor air quality standards are met, you allow for the reduction of energy costs by:

- Altering outside air flow to meet the ASHRAE 62.1 minimum ventilation rate standards.
- Using the ASHRAE IAQ procedure to achieve even lower than the 62.1 ventilation rate standards.
- Utilizing less expensive and less restrictive air filters

### **Benefits**

- Further reductions in ventilation rates, when utilizing the ASHRAE IAQ procedure, will allow for:
  - Potential reduction in capital costs in equipment sizing, system design and engineering.
  - Lower operating costs through energy reduction by not conditioning as much untreated outside air.
- Ionization creates larger air particles through improved particle agglomeration and thus allows for less restrictive, less expensive filters, reducing the energy required to force air through a system.
- Improved air quality and interior environment. Less distracting odors and irritating VOC's.
- The equipment's low energy consumption (a 3,000 cfm capacity unit operates on 5 watts) does not increase static pressure in duct systems.
- There is no energy penalty by applying our **ActiveAir** cold plasma bi-polar ionization technology.
- Simple installation or retro-fit and requires no need for re-engineering of existing mechanical systems.

### **Opportunities**

Stadiums, Arenas and other large assembly venues

Commercial, Office Buildings, Hotels/Hospitality, and Industrial Facilities

Structures built prior to ASHRAE 62.1 which cannot conform to the current ASHRAE 62.1 ventilation standards.