



HVAC MAINTENANCE AND INNOVATIVE SOLUTIONS FOR A HEALTHIER EDUCATIONAL ENVIRONMENT IN THE WAKE OF THE COVID-19 PANDEMIC

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PANELISTS

INDOOR AIR QUALITY

Definition:

"the air quality within and around buildings and structures. IAQ is known to affect the health, comfort and well-being of building occupants. Poor indoor quality has been linked to sick building syndrome, reduced productivity and impaired learning in schools."

HOW DOES MAINTENANCE AFFECT INDOOR AIR QUALITY AND LEARNING ENVIRONMENTS?

What NOT To Do

- Increase airflow without considering the entire ventilation system
- Order MERV-13 filters without determining if your system can accommodate them
- Try new technologies that have not been shown to be effective in addressing coronavirus
- Implement new cleaning products that have not been proven effective
- Make changes to Sequence of Operations without considering system impacts

What TO Do

Provide a healthy environment within the classroom for students and staff (as applicable to your Campus):

- Create a reintegration strategy with your team
- Assess building systems and quantify equipment or design deficiencies
- Assess your preventative maintenance program. Do you need more support in order to achieve the desired program?
- Thoroughly review existing systems, sensors, and control sequences for potential modifications and implications
- Assess particulate filtration options and coil cleaning options specific to your facility HVAC equipment
- Evaluate controls for upgrade to products designed for increased monitoring capability
- Provide guidance on deployment of mitigation technologies and products
- Create and implement plans to properly supply and distribute the recommended outside air in order to provide dilution in occupied space.

IAQ Solutions & Products

- Electronic Air Filters/Air Cleaners
- UVC Lighting
- Highly-Rated Mechanical Air Filters
- Increased Filter Changes
- Other Emerging Technologies
 - » Ionization

