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At EMCOR Services Aircond, the health and safety of our employees, customers, and business partners is our top priority. We would like to share some resources from the U.S. Centers for Disease Control and Prevention (CDC) and the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) on methods for leveraging your HVAC assets to help mitigate the impact and reduce the spread of infectious diseases like COVID-19.

How Mechanical Systems Help Virus Mitigation

The CDC recommends that facilities increase air circulation and filtration wherever possible. Within our own industry, ASHRAE has been proactive, compiling resources and publishing a thorough [position document](#) that covers considerations for virus outbreaks as it relates to HVAC systems.

ASHRAE's suggestions are as follows:

- » Ensure facilities meet all current standards for ventilation and thermal conditions
- » Keep systems commissioned and maintained for proper operation
- » Consider adding supplemental filtration, ultraviolet germicidal irradiation (UVGI) solutions, or other air cleaning technologies
- » Remember, higher efficiency filters can be low-cost and quick to implement

Additional Resources

Along with the position document discussed above, ASHRAE has also put together a comprehensive collection of [online resources](#) that includes research papers, seminars, handbooks, and more.

The CDC acknowledges that there is still a lot to learn about the spread of COVID-19,

so we suggest that our clients revisit ASHRAE's guidance frequently, as they update recommendations and circulate new research.

How We Can Help

Our team can assess your current building systems and provide recommendations based on ASHRAE's guidelines, including:

- » Upgrading filtration options to higher MERV-rated filters
- » Modifying the parameters for indoor/outdoor air circulation
- » Incorporating supplemental air cleaning technologies such as UVGI
- » Performing energy efficiency reviews and recommending upgrades for clients with vacant space

As the COVID-19 situation continues to evolve, we're here to help support your mechanical needs and are committed to helping maintain the health and safety of your buildings and its occupants.



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